

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 22, 2003, 15:49:08 ; Search time 34 Seconds
(without alignments)
3520.890 Million cell updates/sec

Title: US-09-116-676-10

Perfect score: 4363

Sequence: 1 MICQKFCVLLHWEFIYVIT.....WLRISSVKKYIHGKFTIL 804

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 556269 seqs, 148893363 residues

Total number of hits satisfying chosen parameters: 556269

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_AA.*

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3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
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8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
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13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4363	100.0	804	11 US-09-116-676-10	Sequence 10, Appl
2	4337	99.4	896	8 US-08-779-457-3	Sequence 3, Appl
3	4337	99.4	896	15 US-10-214-802-3	Sequence 3, Appl
4	4337	99.4	923	8 US-08-779-457-4	Sequence 4, Appl
5	4337	99.4	923	15 US-10-214-802-4	Sequence 4, Appl
6	4337	99.4	1165	8 US-08-779-457-2	Sequence 2, Appl
7	4337	99.4	1165	14 US-10-095-929-11	Sequence 11, Appl
8	4337	99.4	1165	15 US-10-214-802-2	Sequence 2, Appl
9	4337	99.4	1165	15 US-10-226-579-4	Sequence 4, Appl
10	4325	99.1	896	14 US-10-095-929-10	Sequence 10, Appl
11	4325	99.1	906	14 US-10-095-929-9	Sequence 9, Appl
12	4325	99.1	958	14 US-10-095-929-8	Sequence 8, Appl
13	4323	99.1	1165	14 US-10-079-625-4	Sequence 4, Appl
14	4320	99.0	960	14 US-10-095-929-3	Sequence 3, Appl
15	4315	98.9	898	15 US-10-245-616-3	Sequence 3, Appl

Sequence 51, Appl
Sequence 2, Appl
Sequence 43, Appl
Sequence 12, Appl
Sequence 2, Appl
Sequence 7, Appl
Sequence 7, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 26, Appl
Sequence 24, Appl
Sequence 24, Appl
Sequence 5, Appl
Sequence 2, Appl
Sequence 7, Appl
Sequence 7, Appl
Sequence 7, Appl
Sequence 8, Appl
Sequence 230, Appl
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Sequence 6, Appl
Sequence 4, Appl
Sequence 2, Appl
Sequence 7, Appl
Sequence 6, Appl

ALIGNMENTS

RESULT 1
US-09-116-676-10
; Sequence 10, Application US/09116676
; Publication No. US20030073829A1
; GENERAL INFORMATION:
; APPLICANT: Borowsky, Beth
; TITLE OF INVENTION: DNA ENCODING A HUMAN OB RECEPTOR
; TITLE OF INVENTION: (hob-Re) AND USES THEREOF
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/116,676
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 1795-53801/JPW/KDB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 278 0400
; TELEFAX: 212 291 0525
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 804 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-09-116-676-10

Query Match 100.0%; Score 4363; DB 11; Length 804;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 804; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MICOKFCVLLHWEFIYVITAFNLSPITPWRKLSKMPNPNSTYDYFLLPAGLSKNTNS 60
 Db 1 MICOKFCVLLHWEFIYVITAFNLSPITPWRKLSKMPNPNSTYDYFLLPAGLSKNTNS 60

Qy 61 NGHETAVEPKFNSSGTHFNSLKTTHCCFRSQDRNCSLCADNIEGKTFVSTVNSLVF 120
 Db 61 NGHETAVEPKFNSSGTHFNSLKTTHCCFRSQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy 121 QOIDANNIQCWLKGLDLKFCYVESLFKNLFRNYNFKVHLLVYLPEVLEDSPLVPQKGS 180
 Db 121 QOIDANNIQCWLKGLDLKFCYVESLFKNLFRNYNFKVHLLVYLPEVLEDSPLVPQKGS 180

Qy 181 FOMVHCNSVHECCCECLVPVPTAKLNDTLMLCLKITSGGVIFQSPPLMSVOPINMKVDPDP 240
 Db 181 FOMVHCNSVHECCCECLVPVPTAKLNDTLMLCLKITSGGVIFQSPPLMSVOPINMKVDPDP 240

Qy 241 LGLHMEITDDGNLKIWSPPPLVPFPLOYQVYKSENSTTVIREADKIVSATSLLDVDSILP 300
 Db 241 LGLHMEITDDGNLKIWSPPPLVPFPLOYQVYKSENSTTVIREADKIVSATSLLDVDSILP 300

Qy 301 GSSYEVOVRKRLDGPGLNSDSTPRVFTTQDVIYFPPKILTSGVSNVSPHCYKKNKI 360
 Db 301 GSSYEVOVRKRLDGPGLNSDSTPRVFTTQDVIYFPPKILTSGVSNVSPHCYKKNKI 360

Qy 361 VPSKEIYVNMNLAEKIPQSOYDVVSDHVSVKTFNENKPKRGKFTYDAYCCNEHECHH 420
 Db 361 VPSKEIYVNMNLAEKIPQSOYDVVSDHVSVKTFNENKPKRGKFTYDAYCCNEHECHH 420

Qy 421 RYAEIYVDMNINISCTDGLTKMTCRWSTSTIQSLAESTLQLRHRSLSYCDIPSIIH 480
 Db 421 RYAEIYVDMNINISCTDGLTKMTCRWSTSTIQSLAESTLQLRHRSLSYCDIPSIIH 480

Qy 481 PISEPKCYLQSDGFYICFQIPILLSGYTWIRINISLGLSDSPPTCVLPDVSVKELPP 540
 Db 481 PISEPKCYLQSDGFYICFQIPILLSGYTWIRINISLGLSDSPPTCVLPDVSVKELPP 540

Qy 541 SSVKAEITINIGLLKISWEKVPFPENNLOFQIRGLSGKEVOWKMYEYDAKSKSVSLPV 600
 Db 541 SSVKAEITINIGLLKISWEKVPFPENNLOFQIRGLSGKEVOWKMYEYDAKSKSVSLPV 600

Qy 601 PDLCAVAVOVRKRLDGLGYWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
 Db 601 PDLCAVAVOVRKRLDGLGYWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

Qy 661 TLLKPLMKNDLSVORYVINHHTSCNGTWSVDVGNHTKFTFLWTEQAHVTVTVAINSI 720
 Db 661 TLLKPLMKNDLSVORYVINHHTSCNGTWSVDVGNHTKFTFLWTEQAHVTVTVAINSI 720

Qy 721 GASVANFLFSPWPMKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFTIEMKNLNE 780
 Db 721 GASVANFLFSPWPMKVNIVQSLSAYPLNSSCVIVSWILSPSDYKLMYFTIEMKNLNE 780

Qy 781 GEIKWLRISSVKKYIYHKGFTIL 804
 Db 781 GEIKWLRISSVKKYIYHKGFTIL 804

RESULT 2

US-08-779-457-3
 ; Sequence 3, Application US/08779457
 ; Publication No. US20020193571a1
 ; GENERAL INFORMATION:
 ; APPLICANT: Carter, Paul J.
 ; APPLICANT: Chiang, Nancy Y.
 ; APPLICANT: Kyung, Jin Kim
 ; APPLICANT: Matthews, William
 ; APPLICANT: Rodrigues, Maria L.

; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
 ; NUMBER OF SEQUENCES: 51
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 460 Point San Bruno Blvd
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: WinPatIn (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/779,457
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/667197
 ; FILING DATE: 06/20/96
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/585005
 ; FILING DATE: 01/08/96
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Lee, Wendy M.
 ; REGISTRATION NUMBER: 40,378
 ; REFERENCE/DOCKET NUMBER: P0986P2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415/225-1994
 ; TELEFAX: 415/952-9881
 ; TELEX: 910/371-7168
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 896 amino acids
 ; TYPE: Amino Acid
 ; TOPOLOGY: Linear
 ; US-08-779-457-3

Query Match 99.4%; Score 4337; DB 8; Length 896;
 Best Local Similarity 99.8%; Pred. No. 0;
 Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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 Db 1 MICOKFCVLLHWEFIYVITAFNLSPITPWRKLSKMPNPNSTYDYFLLPAGLSKNTNS 60

Qy 61 NGHETAVEPKFNSSGTHFNSLKTTHCCFRSQDRNCSLCADNIEGKTFVSTVNSLVF 120
 Db 61 NGHETAVEPKFNSSGTHFNSLKTTHCCFRSQDRNCSLCADNIEGKTFVSTVNSLVF 120

Qy 121 QOIDANNIQCWLKGLDLKFCYVESLFKNLFRNYNFKVHLLVYLPEVLEDSPLVPQKGS 180
 Db 121 QOIDANNIQCWLKGLDLKFCYVESLFKNLFRNYNFKVHLLVYLPEVLEDSPLVPQKGS 180

Qy 181 FOMVHCNSVHECCCECLVPVPTAKLNDTLMLCLKITSGGVIFQSPPLMSVOPINMKVDPDP 240
 Db 181 FOMVHCNSVHECCCECLVPVPTAKLNDTLMLCLKITSGGVIFQSPPLMSVOPINMKVDPDP 240

Qy 241 LGLHMEITDDGNLKIWSPPPLVPFPLOYQVYKSENSTTVIREADKIVSATSLLDVDSILP 300
 Db 241 LGLHMEITDDGNLKIWSPPPLVPFPLOYQVYKSENSTTVIREADKIVSATSLLDVDSILP 300

Qy 301 GSSYEVOVRKRLDGPGLNSDSTPRVFTTQDVIYFPPKILTSGVSNVSPHCYKKNKI 360
 Db 301 GSSYEVOVRKRLDGPGLNSDSTPRVFTTQDVIYFPPKILTSGVSNVSPHCYKKNKI 360

Qy 361 VPSKEIYVNMNLAEKIPQSOYDVVSDHVSVKTFNENKPKRGKFTYDAYCCNEHECHH 420
 Db 361 VPSKEIYVNMNLAEKIPQSOYDVVSDHVSVKTFNENKPKRGKFTYDAYCCNEHECHH 420

Qy 421 RYAEIYVDMNINISCTDGLTKMTCRWSTSTIQSLAESTLQLRHRSLSYCDIPSIIH 480
 Db 421 RYAEIYVDMNINISCTDGLTKMTCRWSTSTIQSLAESTLQLRHRSLSYCDIPSIIH 480

Db 421 RYAEYVIDVNIINISCTDGYLTKMTCRWSTSTIQSLAESTLQLRHRSYLYSDIPSIH 480
Qy 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSDPPTCVLPDSVVRPLPP 540
Db 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSDPPTCVLPDSVVRPLPP 540
Qy 541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWKMVEYDAKSKSVSLPV 600
Db 541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWKMVEYDAKSKSVSLPV 600
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Db 601 PDLCAVAVOVRCRDLGLGYWNSNPAYTVVMDIKVPMRGPEFWRIIINGDTMKKEKNV 660
Qy 661 TLLWKPMLKNDLSLCSVQRYVINHHTSCNGTWSEDEVGNHTFTFLWTEQAHTVTVLAINSI 720
Db 661 TLLWKPMLKNDLSLCSVQRYVINHHTSCNGTWSEDEVGNHTFTFLWTEQAHTVTVLAINSI 720
Qy 721 GASVANFNLTFSWPMKSNIVQSLAYSAYPLNSSCVIVSWILSPSDYKLMYFIEWKNLNED 780
Db 721 GASVANFNLTFSWPMKSNIVQSLAYSAYPLNSSCVIVSWILSPSDYKLMYFIEWKNLNED 780
Qy 781 GEIKWLRISSSVKKYIYHGF 801
Db 781 GEIKWLRISSSVKKYIYHGF 801

RESULT 3

US-10-214-802-3
; Sequence 3, Application US/10214802
; Publication No. US20030004109A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/214,802
; FILING DATE: 06-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/585005
; FILING DATE: 08-Jan-97
; APPLICATION NUMBER: 60/
; FILING DATE: 08-Jan-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 896 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-10-214-802-3
Query Match 99.4%; Score 4337; DB 15; Length 896;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Db 1 MICOKFCVLLHWEFYIVITAFNLSPITPWRFKLSMPPNPNSTYDYFLLPAGLSKNTSNS 60
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Db 61 NGHYETAVERKPFNNSGTHFNSLKTTFHCCFRSEODRNCSLCADNIEGKTFVSTVNSLVP 120
Qy 121 QQDANNNIOCLWGLDKLFCVYVESLFKNLFKNYKVNLLVPLVPLVDSPLVPKGS 180
Db 121 QQDANNNIOCLWGLDKLFCVYVESLFKNLFKNYKVNLLVPLVPLVDSPLVPKGS 180
Qy 181 FQMVHCNCSVHECECECLVPVPTAKLNDTLMLCLKITSGGVIFOSPLMSVQPINMKVDPDP 240
Db 181 FQMVHCNCSVHECECECLVPVPTAKLNDTLMLCLKITSGGVIFOSPLMSVQPINMKVDPDP 240
Qy 241 LGLHMETDDGNLKIWSNPPPLVPPFLOQYQVYKSENSTTVIREADKIVSATSLLVDSILP 300
Db 241 LGLHMETDDGNLKIWSNPPPLVPPFLOQYQVYKSENSTTVIREADKIVSATSLLVDSILP 300
Qy 301 GSSYEVOVRCRDLGPGIWSDWSTPRVFTTQDVIYPPPKILTSGVSNVSPHCYKKNKI 360
Db 301 GSSYEVOVRCRDLGPGIWSDWSTPRVFTTQDVIYPPPKILTSGVSNVSPHCYKKNKI 360
Qy 361 VPSKEIVMMNLAEKIPQSOYDVVSDHVSQVTFEFLNETKPRGKFTYDAVYCCNEHECHH 420
Db 361 VPSKEIVMMNLAEKIPQSOYDVVSDHVSQVTFEFLNETKPRGKFTYDAVYCCNEHECHH 420
Qy 421 RYAEYVIDVNIINISCTDGYLTKMTCRWSTSTIQSLAESTLQLRHRSYLYSDIPSIH 480
Db 421 RYAEYVIDVNIINISCTDGYLTKMTCRWSTSTIQSLAESTLQLRHRSYLYSDIPSIH 480
Qy 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSDPPTCVLPDSVVRPLPP 540
Db 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSDPPTCVLPDSVVRPLPP 540
Qy 541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWKMVEYDAKSKSVSLPV 600
Db 541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWKMVEYDAKSKSVSLPV 600
Qy 601 PDLCAVAVOVRCRDLGLGYWNSNPAYTVVMDIKVPMRGPEFWRIIINGDTMKKEKNV 660
Db 601 PDLCAVAVOVRCRDLGLGYWNSNPAYTVVMDIKVPMRGPEFWRIIINGDTMKKEKNV 660
Qy 661 TLLWKPMLKNDLSLCSVQRYVINHHTSCNGTWSEDEVGNHTFTFLWTEQAHTVTVLAINSI 720
Db 661 TLLWKPMLKNDLSLCSVQRYVINHHTSCNGTWSEDEVGNHTFTFLWTEQAHTVTVLAINSI 720
Qy 721 GASVANFNLTFSWPMKSNIVQSLAYSAYPLNSSCVIVSWILSPSDYKLMYFIEWKNLNED 780
Db 721 GASVANFNLTFSWPMKSNIVQSLAYSAYPLNSSCVIVSWILSPSDYKLMYFIEWKNLNED 780
Qy 781 GEIKWLRISSSVKKYIYHGF 801
Db 781 GEIKWLRISSSVKKYIYHGF 801

RESULT 4

US-08-779-457-4
; Sequence 4, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.

;; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES

;; NUMBER OF SEQUENCES: 51

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Genentech, Inc.

;; STREET: 460 Point San Bruno Blvd

;; CITY: South San Francisco

;; STATE: California

;; COUNTRY: USA

;; ZIP: 94080

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: WinPatIn (Genentech)

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/779,457

;; FILING DATE:

;; CLASSIFICATION: 435

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: 08/667197

;; FILING DATE: 06/20/96

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: 08/585005

;; FILING DATE: 01/08/96

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Lee, Wendy M.

;; REGISTRATION NUMBER: 40,378

;; REFERENCE/DOCKET NUMBER: P0986P2

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 415/225-1994

;; TELEFAX: 415/952-9881

;; TELEX: 910/371-7168

;; INFORMATION FOR SEQ ID NO: 4:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 923 amino acids

;; TYPE: Amino Acid

;; TOPOLOGY: Linear

;; US-08-779-457-4

Query Match 99.4%; Score 4337; DB 8; Length 923;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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DB 1 MICQKFCVLLHWEFIYITAFNLSYPTIPRRFKLSCMPNSTDYDFLLPAGLSKNTNS 60
QY 61 NGHETAVEPKFNSGTHFNSLKTTFHCCFRSEODRNCSLCADNIEGKTFVSTVNSLVF 120
DB 61 NGHETAVEPKFNSGTHFNSLKTTFHCCFRSEODRNCSLCADNIEGKTFVSTVNSLVF 120
QY 121 QOIDANNNIQCWLKGLDLKLFICYVESLFKNLFNRYNYKVHLLYLPLEVLEDSPLVPQKGS 180
DB 121 QOIDANNNIQCWLKGLDLKLFICYVESLFKNLFNRYNYKVHLLYLPLEVLEDSPLVPQKGS 180
QY 181 FQMVHCNCSVHECCCLVPVPTAKLNDTLMLCLKITSQVIFQSPMSVQPINMVKPDP 240
DB 181 FQMVHCNCSVHECCCLVPVPTAKLNDTLMLCLKITSQVIFQSPMSVQPINMVKPDP 240
QY 241 LGLHMEITDDGNLKSNSPPLVPPLQYQVYKSENSTTVIREADKIVSATSLVDSILP 300
DB 241 LGLHMEITDDGNLKSNSPPLVPPLQYQVYKSENSTTVIREADKIVSATSLVDSILP 300
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DB 301 GSSVEQVQVGRKLDGPGIWSDMSTPRVFTTQDVIYFPFKILTSVGSNVSFHCIVKENKI 360
QY 361 VPSKEIVVMNLAEKIPOSQYDVSDHYSKVTFNLTNPKRGKFTYDAVYCCNEHECHH 420
DB 361 VPSKEIVVMNLAEKIPOSQYDVSDHYSKVTFNLTNPKRGKFTYDAVYCCNEHECHH 420
QY 421 RYAEIYVIDVNNINISCTDGYLTWKTCRWSTSTIQSLAESTLQRLYHRSSLYCSDIPSIIH 480
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DB 421 RYAEIYVIDVNNINISCTDGYLTWKTCRWSTSTIQSLAESTLQRLYHRSSLYCSDIPSIIH 480
QY 481 PISEPKDCYLOSDFGFEYECIFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
DB 481 PISEPKDCYLOSDFGFEYECIFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
QY 541 SSVKAEITINIGLLKISWEKPVPPENNLFQIRYGLSGKEVOWKMYEYDAKSKSVSLPV 600
DB 541 SSVKAEITINIGLLKISWEKPVPPENNLFQIRYGLSGKEVOWKMYEYDAKSKSVSLPV 600
QY 601 PDLCAVYAVQVRCKRLDGLGYSNMSPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
DB 601 PDLCAVYAVQVRCKRLDGLGYSNMSPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
QY 661 TLLWKPLMKNDSLCSVQRYVINHHITSCNGTSEVDGHNHTFTFTLWTEQAHVTVVLAINSI 720
DB 661 TLLWKPLMKNDSLCSVQRYVINHHITSCNGTSEVDGHNHTFTFTLWTEQAHVTVVLAINSI 720
QY 721 GASVANENLTFSPMSKVNIVOSLSAYPLNSSCVIVSWILSPSDYKLMFYFIENKLNED 780
DB 721 GASVANENLTFSPMSKVNIVOSLSAYPLNSSCVIVSWILSPSDYKLMFYFIENKLNED 780
QY 781 GEIKWLRISSSVKRYIYHGF 801
DB 781 GEIKWLRISSSVKRYIYHGF 801
```

RESULT 5

```
US-10-214-802-4
; Sequence 4, Application US/10214802
; Publication No. US20030004109A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/214,802
; FILING DATE: 06-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/585005
; FILING DATE: 08-Jan-97
; APPLICATION NUMBER: 60/
; FILING DATE: 08-Jan-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 923 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
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US-10-214-802-4

Query Match 99.48; Score 4337; DB 15; Length 923;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MICOKFCVLLHWEFIYVITAFNLSPITPWKFLSCMPNPNSTYDYFLLPAGLSKNTS 60
DB 1 MICOKFCVLLHWEFIYVITAFNLSPITPWKFLSCMPNPNSTYDYFLLPAGLSKNTS 60

QY 61 NGHYETAPEKFNSSGTHFNLKTTFFHCCFRSEQDRNCSLCADNIEGKTFVTVNSLVF 120
DB 61 NGHYETAPEKFNSSGTHFNLKTTFFHCCFRSEQDRNCSLCADNIEGKTFVTVNSLVF 120

QY 121 QOIDANWNIQWLGKDLKLFICYVESLFLKFLFNRYNKKVHLLVYLPVLEDSPLVPKGS 180
DB 121 QOIDANWNIQWLGKDLKLFICYVESLFLKFLFNRYNKKVHLLVYLPVLEDSPLVPKGS 180

QY 181 FQWVHCNCSVHECECLVPVPTAKLNDTLMLCKITSGGVIFOSPLMSVOPINNVKPDPP 240
DB 181 FQWVHCNCSVHECECLVPVPTAKLNDTLMLCKITSGGVIFOSPLMSVOPINNVKPDPP 240

QY 241 LGLHMEITDDGNLKIWSPPPLFPLOYQVYKISENSTTVIREADKIVSATSLLVDSILP 300
DB 241 LGLHMEITDDGNLKIWSPPPLFPLOYQVYKISENSTTVIREADKIVSATSLLVDSILP 300

QY 301 GSSYEVOVRKRLDGPINWSDNSTPRVFTTQDVIYPPPKILTSGVSNVSPHCYKKNKI 360
DB 301 GSSYEVOVRKRLDGPINWSDNSTPRVFTTQDVIYPPPKILTSGVSNVSPHCYKKNKI 360

QY 361 VPSKEIYVWNNLAEKIPQSOYDVSDHVSQVTFNLTNETKPRGKFTYDAYCCNEHECHH 420
DB 361 VPSKEIYVWNNLAEKIPQSOYDVSDHVSQVTFNLTNETKPRGKFTYDAYCCNEHECHH 420

QY 421 RYAEIYVIDVNIINISCTDGYLKMTCRWSTSTQISLAESTLQLRVHRSSLYCSDIPSII 480
DB 421 RYAEIYVIDVNIINISCTDGYLKMTCRWSTSTQISLAESTLQLRVHRSSLYCSDIPSII 480

QY 481 PISEPKDCYLOSGDFEYECIPQIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVWKLPP 540
DB 481 PISEPKDCYLOSGDFEYECIPQIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVWKLPP 540

QY 541 SSVKAEITINIGLKLISWEKVPENNLOFOIRYGLSGKEVQWKEVYDAKSKSVLPV 600
DB 541 SSVKAEITINIGLKLISWEKVPENNLOFOIRYGLSGKEVQWKEVYDAKSKSVLPV 600

QY 601 PDLCAVAVQVRCKRLDGLGYWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
DB 601 PDLCAVAVQVRCKRLDGLGYWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660

QY 661 TLLWKLPMKNDLSLCSVQRYVINHTSCNGTWSDEVDGNHKTFTFLWTEQAHTVTVLAINSI 720
DB 661 TLLWKLPMKNDLSLCSVQRYVINHTSCNGTWSDEVDGNHKTFTFLWTEQAHTVTVLAINSI 720

QY 721 GASVANFNLTFSWPMKVNIVQSLSAYPLNNSCVIVSWILSPSDYKLMVFIIEWKNLNE 780
DB 721 GASVANFNLTFSWPMKVNIVQSLSAYPLNNSCVIVSWILSPSDYKLMVFIIEWKNLNE 780

QY 781 GEIKWLRISSSVKYYIHGKF 801
DB 781 GEIKWLRISSSVKYYIHDF 801

RESULT 6
US-08-779-457-2
; Sequence 2, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.

;; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
;; NUMBER OF SEQUENCES: 51
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Genentech, Inc.
;; STREET: 460 Point San Bruno Blvd
;; CITY: South San Francisco
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94080
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: WinPatIn (Genentech)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/779,457
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/667197
;; FILING DATE: 06/20/96
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/585005
;; FILING DATE: 01/08/96
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Lee, Wendy M.
;; REGISTRATION NUMBER: 40,378
;; REFERENCE/DOCKET NUMBER: P0986P2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415/225-1994
;; TELEFAX: 415/952-9881
;; TELEX: 910/371-7168
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 1165 amino acids
;; TYPE: Amino Acid
;; TOPOLOGY: Linear
;; US-08-779-457-2

Query Match 99.48; Score 4337; DB 8; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MICOKFCVLLHWEFIYVITAFNLSPITPWKFLSCMPNPNSTYDYFLLPAGLSKNTS 60
DB 1 MICOKFCVLLHWEFIYVITAFNLSPITPWKFLSCMPNPNSTYDYFLLPAGLSKNTS 60

QY 61 NGHYETAPEKFNSSGTHFNLKTTFFHCCFRSEQDRNCSLCADNIEGKTFVTVNSLVF 120
DB 61 NGHYETAPEKFNSSGTHFNLKTTFFHCCFRSEQDRNCSLCADNIEGKTFVTVNSLVF 120

QY 121 QOIDANWNIQWLGKDLKLFICYVESLFLKFLFNRYNKKVHLLVYLPVLEDSPLVPKGS 180
DB 121 QOIDANWNIQWLGKDLKLFICYVESLFLKFLFNRYNKKVHLLVYLPVLEDSPLVPKGS 180

QY 181 FQWVHCNCSVHECECLVPVPTAKLNDTLMLCKITSGGVIFOSPLMSVOPINNVKPDPP 240
DB 181 FQWVHCNCSVHECECLVPVPTAKLNDTLMLCKITSGGVIFOSPLMSVOPINNVKPDPP 240

QY 241 LGLHMEITDDGNLKIWSPPPLFPLOYQVYKISENSTTVIREADKIVSATSLLVDSILP 300
DB 241 LGLHMEITDDGNLKIWSPPPLFPLOYQVYKISENSTTVIREADKIVSATSLLVDSILP 300

QY 301 GSSYEVOVRKRLDGPINWSDNSTPRVFTTQDVIYPPPKILTSGVSNVSPHCYKKNKI 360
DB 301 GSSYEVOVRKRLDGPINWSDNSTPRVFTTQDVIYPPPKILTSGVSNVSPHCYKKNKI 360

QY 361 VPSKEIYVWNNLAEKIPQSOYDVSDHVSQVTFNLTNETKPRGKFTYDAYCCNEHECHH 420
DB 361 VPSKEIYVWNNLAEKIPQSOYDVSDHVSQVTFNLTNETKPRGKFTYDAYCCNEHECHH 420

QY 421 RYAEIYVIDVNIINISCTDGYLKMTCRWSTSTQISLAESTLQLRVHRSSLYCSDIPSII 480
DB 421 RYAEIYVIDVNIINISCTDGYLKMTCRWSTSTQISLAESTLQLRVHRSSLYCSDIPSII 480

Db 421 RYAEIYVIVDWININISCTDGYLTWKTCRWSTSTQSLAESTLQRLYHRSSLYCSDIPSIIH 480
QY 481 PISEPKCYLQSDGFYECIFQPIFLLSGYTWIRINHSLSGLDSPPTCVLPDSVVKPLPP 540
Db 481 PISEPKCYLQSDGFYECIFQPIFLLSGYTWIRINHSLSGLDSPPTCVLPDSVVKPLPP 540
QY 541 SSVKAEITINIGLLKISWEKVPFENNLOFQIRYGLSCKEVQWKMYEYDASKSVSLPV 600
Db 541 SSVKAEITINIGLLKISWEKVPFENNLOFQIRYGLSCKEVQWKMYEYDASKSVSLPV 600
QY 601 PDLCAVAVQVRCRDLGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
Db 601 PDLCAVAVQVRCRDLGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
QY 661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSDEVGNHTKFTFLWTEQAHTVTVLAINSI 720
Db 661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSDEVGNHTKFTFLWTEQAHTVTVLAINSI 720
QY 721 GASVANFNLTFSWPMKSNIVQSLAYSAYPLNSSCVIVSWILSPDYKLMYFIENKLNED 780
Db 721 GASVANFNLTFSWPMKSNIVQSLAYSAYPLNSSCVIVSWILSPDYKLMYFIENKLNED 780
QY 781 GEIKWLRISSSVKYYIHHGKF 801
Db 781 GEIKWLRISSSVKYYIHHDF 801

RESULT 7

US-10-095-929-11
; Sequence 11, Application US/10095929
; Publication NO. US20020197232A1
; GENERAL INFORMATION:
; APPLICANT: Snodgrass, H. Ralph
; Cioffi, Joseph
; Zupancic, Thomas Joel
; Shafer, Alan Wayne
; TITLE OF INVENTION: METHODS FOR USING THE OBESE
; GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
; DEVELOPMENT

NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of The Americas
CITY: New York
STATE: NY

COUNTRY: USA

ZIP: 10036-2811

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/095,929
FILING DATE: 12-Mar-2002
CLASSIFICATION: <unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/618,957
FILING DATE: <unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 008907-0033-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:
LENGTH: 1165 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-10-095-929-11

Query Match 99.4%; Score 4337; DB 14; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MICQKPCVLLHWEFIIYVITAFNLSYPIPTWRFKLSCHPPNSTDYDFLLPAGLSKNTSNS 60
Db 1 MICQKPCVLLHWEFIIYVITAFNLSYPIPTWRFKLSCHPPNSTDYDFLLPAGLSKNTSNS 60
QY 61 NGHYETAPEKFNSSGTHFSNLKSTTHPCCRSEODRNCISLCAADNIEGKTFVSTVNSLVF 120
Db 61 NGHYETAPEKFNSSGTHFSNLKSTTHPCCRSEODRNCISLCAADNIEGKTFVSTVNSLVF 120
QY 121 QOIDDANNNIOWCLAGDLKLFICYVESLFKNLFNRYNYKVHLLYLVLEPVEDSPLVPQKGS 180
Db 121 QOIDDANNNIOWCLAGDLKLFICYVESLFKNLFNRYNYKVHLLYLVLEPVEDSPLVPQKGS 180
QY 181 FOMVHCNCSVHECCCECLVPPTAKLNDTLLMCLKITSGGVIFQSPILMSVQPINMYKDPDP 240
Db 181 FOMVHCNCSVHECCCECLVPPTAKLNDTLLMCLKITSGGVIFQSPILMSVQPINMYKDPDP 240
QY 241 LGLHMEITDDGNLAKISWSPPPLVPFPLOQYQVYKSENSTTVIREADKIVSATSLVDSILP 300
Db 241 LGLHMEITDDGNLAKISWSPPPLVPFPLOQYQVYKSENSTTVIREADKIVSATSLVDSILP 300
QY 301 GSSYEVOVQRKRLDGPGLIWSDSWSTPRVFTTQDVIYFPKILT SVGSNYSFHCIIYKKNKI 360
Db 301 GSSYEVOVQRKRLDGPGLIWSDSWSTPRVFTTQDVIYFPKILT SVGSNYSFHCIIYKKNKI 360
QY 361 VPSKEIWMNNLAEKIPOSQYDVVSDHVSKYVTFNMLNETKPRGKFTYDAVYCCNEHECHH 420
Db 361 VPSKEIWMNNLAEKIPOSQYDVVSDHVSKYVTFNMLNETKPRGKFTYDAVYCCNEHECHH 420
QY 421 RYAEIYVIVDWININISCTDGYLTWKTCRWSTSTQSLAESTLQRLYHRSSLYCSDIPSIIH 480
Db 421 RYAEIYVIVDWININISCTDGYLTWKTCRWSTSTQSLAESTLQRLYHRSSLYCSDIPSIIH 480
QY 481 PISEPKCYLQSDGFYECIFQPIFLLSGYTWIRINHSLSGLDSPPTCVLPDSVVKPLPP 540
Db 481 PISEPKCYLQSDGFYECIFQPIFLLSGYTWIRINHSLSGLDSPPTCVLPDSVVKPLPP 540
QY 541 SSVKAEITINIGLLKISWEKVPFENNLOFQIRYGLSCKEVQWKMYEYDASKSVSLPV 600
Db 541 SSVKAEITINIGLLKISWEKVPFENNLOFQIRYGLSCKEVQWKMYEYDASKSVSLPV 600
QY 601 PDLCAVAVQVRCRDLGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
Db 601 PDLCAVAVQVRCRDLGLGYWSNWSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
QY 661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSDEVGNHTKFTFLWTEQAHTVTVLAINSI 720
Db 661 TLLWKPLMKNDSLCSVQRYVINHHTSCNGTWSDEVGNHTKFTFLWTEQAHTVTVLAINSI 720
QY 721 GASVANFNLTFSWPMKSNIVQSLAYSAYPLNSSCVIVSWILSPDYKLMYFIENKLNED 780
Db 721 GASVANFNLTFSWPMKSNIVQSLAYSAYPLNSSCVIVSWILSPDYKLMYFIENKLNED 780
QY 781 GEIKWLRISSSVKYYIHHGKF 801
Db 781 GEIKWLRISSSVKYYIHHDF 801

RESULT 8

US-10-214-802-2
; Sequence 2, Application US/10214802
; Publication NO. US20030004109A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR

: NUMBER OF SEQUENCES: 45
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Genentech, Inc.
 : STREET: 460 Point San Bruno Blvd
 : CITY: South San Francisco
 : STATE: California
 : COUNTRY: USA
 : ZIP: 94080
 :
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: WinPatIn (Genentech)
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/10/214,802
 : FILING DATE: 06-Aug-2002
 : CLASSIFICATION: <Unknown>
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: US/08/780,562
 : FILING DATE: <Unknown>
 : APPLICATION NUMBER: 08/585005
 : FILING DATE: 08-Jan-97
 : APPLICATION NUMBER: 60/
 : FILING DATE: 08-Jan-97
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Lee, Wendy M.
 : REGISTRATION NUMBER: 40,378
 : REFERENCE/DOCKET NUMBER: P0986R1
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 415/225-1994
 : TELEFAX: 415/952-9881
 : TELEX: 910/371-7168
 : INFORMATION FOR SEQ ID NO: 2:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 1165 amino acids
 : TYPE: Amino Acid
 : TOPOLOGY: Linear
 : SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 : US-10-214-802-2

Query Match 99.4%; Score 4337; DB 15; Length 1165;
 Best Local Similarity 99.8%; Pred. No. 0;
 Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 1 MICOKFCVLLHWEFIYVITAFNLSYPTIPWRFKLSMPNPNSTYDYFLLPAGLSKNTS 60
 DB 1 MICOKFCVLLHWEFIYVITAFNLSYPTIPWRFKLSMPNPNSTYDYFLLPAGLSKNTS 60
 QY 61 NGHETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQRNCSLCADNIEGKTFVSTVNSLVF 120
 DB 61 NGHETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQRNCSLCADNIEGKTFVSTVNSLVF 120
 QY 121 QIDANNNIOCLWGLDKLFICYVESLFKNLFNRYNKKVHLLVYLPVEVLEDSPLVPQKGS 180
 DB 121 QIDANNNIOCLWGLDKLFICYVESLFKNLFNRYNKKVHLLVYLPVEVLEDSPLVPQKGS 180
 QY 181 FQMVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFQSPVLMVQPINNVKPDPP 240
 DB 181 FQMVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFQSPVLMVQPINNVKPDPP 240
 QY 241 LGLHMETDGNLKIWSNPPPLVPFPLOYQVYKSENSTTVIRADKIVSNTSLVDSILP 300
 DB 241 LGLHMETDGNLKIWSNPPPLVPFPLOYQVYKSENSTTVIRADKIVSNTSLVDSILP 300
 QY 301 GSSYEVOVGRKLDGPGIWSNDSTPRVFTQDVIYFPPKILTSGVSNVSHFCIYKKNKI 360
 DB 301 GSSYEVOVGRKLDGPGIWSNDSTPRVFTQDVIYFPPKILTSGVSNVSHFCIYKKNKI 360
 QY 361 VPSKEIVWMNLAETIPQSOYDVVSDHVSQVTFNLTNPKRGKFTYDAVYCCNEHECHH 420
 DB 361 VPSKEIVWMNLAETIPQSOYDVVSDHVSQVTFNLTNPKRGKFTYDAVYCCNEHECHH 420
 QY 421 RYAEIYVIDVNNISCTDGYLTMTCRWSTSTIQSLAESTLQRLYHRSSLYCSDIPSIH 480

DB 421 RYAEIYVIDVNNISCTDGYLTMTCRWSTSTIQSLAESTLQRLYHRSSLYCSDIPSIH 480
 QY 481 PISEPKDCYQSDGFCYECIFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
 DB 481 PISEPKDCYQSDGFCYECIFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
 QY 541 SSVKAEITINIGLLKISWEKPVFPENNLOFOIRYGLSGKEVOWKMYEYDAKSVSPLV 600
 DB 541 SSVKAEITINIGLLKISWEKPVFPENNLOFOIRYGLSGKEVOWKMYEYDAKSVSPLV 600
 QY 601 PDLCAVYAVOVRCRDLGLGYSWNSNPATVVMNDIKVPMRGPEFWRINGDTHKKENY 660
 DB 601 PDLCAVYAVOVRCRDLGLGYSWNSNPATVVMNDIKVPMRGPEFWRINGDTHKKENY 660
 QY 661 TLLMKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHRTKFTFLWTEQAHVTVVLAINSI 720
 DB 661 TLLMKPLMKNDSLCSVQRYVINHHTSCNGTWSEDVGNHRTKFTFLWTEQAHVTVVLAINSI 720
 QY 721 GASVANPLTFSWPMKSNVIVQSLAYSALPNSSCVIVSWILSPSDYKLMYFIENKLNED 780
 DB 721 GASVANPLTFSWPMKSNVIVQSLAYSALPNSSCVIVSWILSPSDYKLMYFIENKLNED 780
 QY 781 GEIKWLRISSSVKKYYIHGKF 801
 DB 781 GEIKWLRISSSVKKYYIHGKF 801
 :
 : RESULT 9
 : US-10-226-579-4
 : Sequence 4, Application US/10226579
 : Publication No. US20030073634A1
 : GENERAL INFORMATION:
 : APPLICANT: Myers, Martin
 : TITLE OF INVENTION: METHODS OF TREATING OBESITY
 : FILE REFERENCE: 10276-071001
 : CURRENT APPLICATION NUMBER: US/10/226,579
 : CURRENT FILING DATE: 2002-08-23
 : PRIOR APPLICATION NUMBER: US 60/314,976
 : PRIOR FILING DATE: 2001-08-24
 : NUMBER OF SEQ ID NOS: 13
 : SOFTWARE: FastSeq for Windows Version 4.0
 : SEQ ID NO 4
 : LENGTH: 1165
 : TYPE: PRT
 : ORGANISM: Homo sapiens
 : US-10-226-579-4
 :
 : Query Match 99.4%; Score 4337; DB 15; Length 1165;
 : Best Local Similarity 99.8%; Pred. No. 0;
 : Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 : QY 1 MICOKFCVLLHWEFIYVITAFNLSYPTIPWRFKLSMPNPNSTYDYFLLPAGLSKNTS 60
 : DB 1 MICOKFCVLLHWEFIYVITAFNLSYPTIPWRFKLSMPNPNSTYDYFLLPAGLSKNTS 60
 : QY 61 NGHETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQRNCSLCADNIEGKTFVSTVNSLVF 120
 : DB 61 NGHETAVEPKFNSSGTHFSNLSKTTFHCCFRSEQRNCSLCADNIEGKTFVSTVNSLVF 120
 : QY 121 QIDANNNIOCLWGLDKLFICYVESLFKNLFNRYNKKVHLLVYLPVEVLEDSPLVPQKGS 180
 : DB 121 QIDANNNIOCLWGLDKLFICYVESLFKNLFNRYNKKVHLLVYLPVEVLEDSPLVPQKGS 180
 : QY 181 FQMVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFQSPVLMVQPINNVKPDPP 240
 : DB 181 FQMVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFQSPVLMVQPINNVKPDPP 240
 : QY 241 LGLHMETDGNLKIWSNPPPLVPFPLOYQVYKSENSTTVIRADKIVSNTSLVDSILP 300
 : DB 241 LGLHMETDGNLKIWSNPPPLVPFPLOYQVYKSENSTTVIRADKIVSNTSLVDSILP 300
 : QY 301 GSSYEVOVGRKLDGPGIWSNDSTPRVFTQDVIYFPPKILTSGVSNVSHFCIYKKNKI 360
 : DB 301 GSSYEVOVGRKLDGPGIWSNDSTPRVFTQDVIYFPPKILTSGVSNVSHFCIYKKNKI 360
 : QY 361 VPSKEIVWMNLAETIPQSOYDVVSDHVSQVTFNLTNPKRGKFTYDAVYCCNEHECHH 420
 : DB 361 VPSKEIVWMNLAETIPQSOYDVVSDHVSQVTFNLTNPKRGKFTYDAVYCCNEHECHH 420
 : QY 421 RYAEIYVIDVNNISCTDGYLTMTCRWSTSTIQSLAESTLQRLYHRSSLYCSDIPSIH 480

RESULT 11

US-10-095-929-9
: Sequence 9, Application US/10095929
: Publication No. US20020197232A1
: GENERAL INFORMATION:
: APPLICANT: Snodgrass, H. Ralph
: Cioffi, Joseph
: Zupancic, Thomas Joel
: Shafer, Alan Wayne
: TITLE OF INVENTION: METHODS FOR USING THE OBESE
: GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
: DEVELOPMENT
: NUMBER OF SEQUENCES: 28
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Pennie & Edmonds LLP
: STREET: 1155 Avenue of The Americas
: CITY: New York
: STATE: NY
: COUNTRY: USA
: ZIP: 10036-2811
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FastSEQ Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/10/095,929
: FILING DATE: 12-Mar-2002
: CLASSIFICATION: <Unknown>
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/618,957
: FILING DATE: <Unknown>
: ATTORNEY/AGENT INFORMATION:
: NAME: Poissant, Brian M.
: REGISTRATION NUMBER: 28,462
: REFERENCE/DOCKET NUMBER: 008907-0033-999
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 650-493-4935
: TELEFAX: 650-493-5556
: TELEX: 66141 PENNIE
: INFORMATION FOR SEQ ID NO: 9:
: SEQUENCE CHARACTERISTICS:
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-095-929-9

Query Match 99.1%; Score 4325; DB 14; Length 906;
Best Local Similarity 99.4%; Pred. No. 0;
Matches 796; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 1 MICQKFCVLLHWEFYIVTARNLSYPTTPWRFKLSCMPNPNSTYDYFLLPAGLSKNTNS 60
DB 1 MICQKFCVLLHWEFYIVTARNLSYPTTPWRFKLSCMPNPNSTYDYFLLPAGLSKNTNS 60
QY 61 NGHYETAPEKFNSSGTHFSNLKSTFHCCFSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
DB 61 NGHYETAPEKFNSSGTHFSNLKSTFHCCFSEQDRNCSLCADNIEGKTFVSTVNSLVF 120
QY 121 QQIDANNIOCLKGLKLFICYVESLFRNRYNRYKVHLLYVLPVEVLEDSPLVPQKGS 180
DB 121 QQIDANNIOCLKGLKLFICYVESLFRNRYNRYKVHLLYVLPVEVLEDSPLVPQKGS 180
QY 181 FQVHNCNSVHECCCLVPVPTAKLNDTLMLCKITSGGVIFQSPPLMSYQPINMKVPDP 240
DB 181 FQVHNCNSVHECCCLVPVPTAKLNDTLMLCKITSGGVIFRSPPLMSYQPINMKVPDP 240
QY 241 LGLHMEITDDGNLKISWSPPPLVFPFLOYOVKYSNSTTVIREADKIVSATSLLVDSILP 300
DB 241 LGLHMEITDDGNLKISWSPPPLVFPFLOYOVKYSNSTTVIREADKIVSATSLLVDSILP 300

Db 241 LGLHMEITDDGNLKISWSPPPLVFPFLOYOVKYSNSTTVIREADKIVSATSLLVDSILP 300
QY 301 GSSYEYQVRGRKRLDGGIWSNDSTPRVFTTQDVIYFPPKILTSVGSNVSPHCYIKKENKI 360
Db 301 GSSYEYQVRGRKRLDGGIWSNDSTPRVFTTQDVIYFPPKILTSVGSNVSPHCYIKKENKI 360
QY 361 VPSKEIVVMWNLAEKIPOSOYDVVSDHVSKVTFNFKNETKPRGKFTYDAYVCCNEHECHH 420
Db 361 VPSKEIVVMWNLAEKIPOSOYDVVSDHVSKVTFNFKNETKPRGKFTYDAYVCCNEHECHH 420
QY 421 RYAEIVVIDVINISCTCYLTKMTCRWSSTSTQISLAESTLQLRVHRSSLYCSDIPSIH 480
Db 421 RYAEIVVIDVINISCTCYLTKMTCRWSSTSTQISLAESTLQLRVHRSSLYCSDIPSIH 480
QY 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMMIRINHSLSGLSDSPPTCVLPDSVWKPPLP 540
Db 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMMIRINHSLSGLSDSPPTCVLPDSVWKPPLP 540
QY 541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWKMEYVDAKSKSVSLPV 600
Db 541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWKMEYVDAKSKSVSLPV 600
QY 601 PDLCAVYAVQVRCKRLDGLGYNSNPNPAYTVVMDIKVPMRGPEFPIRIINGDTMKKEKNV 660
Db 601 PDLCAVYAVQVRCKRLDGLGYNSNPNPAYTVVMDIKVPMRGPEFPIRIINGDTMKKEKNV 660
QY 661 TLLWKPLMKNDLSLSVORYVINHTSCNGTWSVDGNGHTKFTFLMTEQAHTVTVLAINSI 720
Db 661 TLLWKPLMKNDLSLSVORYVINHTSCNGTWSVDGNGHTKFTFLMTEQAHTVTVLAINSI 720
QY 721 GASVANFLTFSWPMKVNIVQSLSAYPLNSCVCIVSWILSPSDYKLMYFIIEWKNLNE 780
Db 721 GASVANFLTFSWPMKVNIVQSLSAYPLNSCVCIVSWILSPSDYKLMYFIIEWKNLNE 780
QY 781 GEIKWLRISSSVKKYIYHGF 801
Db 781 GEIKWLRISSSVKKYIYHGF 801

RESULT 12

US-10-095-929-8
: Sequence 8, Application US/10095929
: Publication No. US20020197232A1
: GENERAL INFORMATION:
: APPLICANT: Snodgrass, H. Ralph
: Cioffi, Joseph
: Zupancic, Thomas Joel
: Shafer, Alan Wayne
: TITLE OF INVENTION: METHODS FOR USING THE OBESE
: GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
: DEVELOPMENT
: NUMBER OF SEQUENCES: 28
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Pennie & Edmonds LLP
: STREET: 1155 Avenue of The Americas
: CITY: New York
: STATE: NY
: COUNTRY: USA
: ZIP: 10036-2811
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Diskette
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: FastSEQ Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/10/095,929
: FILING DATE: 12-Mar-2002
: CLASSIFICATION: <Unknown>
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/618,957
: FILING DATE: <Unknown>
: ATTORNEY/AGENT INFORMATION:
: NAME: Poissant, Brian M.

REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 008907-0033-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 958 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 8:

US-10-095-929-8

Query Match: 99.1%; Score 4325; DB 14; Length 958;
Best Local Similarity 99.4%; Pred. No. 0;
Matches 796; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 MICQKFCVLLHWEFIYVITAFNLSYPTWRFKLSMPPNSTYDYFLLPAGLSKNTSNS 60
DB 1 MICQKFCVLLHWEFIYVITAFNLSYPTWRFKLSMPPNSTYDYFLLPAGLSKNTSNS 60

QY 61 NGHYETAPEKFNSSGTHFSLKSTTFHCCFRSEODRNCSLCADNIEGKTFVSTVNSLVF 120
DB 61 NGHYETAPEKFNSSGTHFSLKSTTFHCCFRSEODRNCSLCADNIEGKTFVSTVNSLVF 120

QY 121 QOIDANWIOCLWGLDLKLFICYVESLFKNLFNRYNYKHLLYVLPVEYLEDSPVPQKGS 180
DB 121 QOIDANWIOCLWGLDLKLFICYVESLFKNLFNRYNYKHLLYVLPVEYLEDSPVPQKGS 180

QY 181 FOMVHCNCSVEHCCBCLVPVPTAKLNDLLMCLKITSGGVIFRSPMSVQPINMVKPDP 240
DB 181 FOMVHCNCSVEHCCBCLVPVPTAKLNDLLMCLKITSGGVIFRSPMSVQPINMVKPDP 240

QY 241 LGLHMEITDDGNLKIWSNPPPLVPFPLOYQYKYSNSTTVIREADKIYSATSLLDVSLP 300
DB 241 LGLHMEITDDGNLKIWSNPPPLVPFPLOYQYKYSNSTTVIREADKIYSATSLLDVSLP 300

QY 301 GSSYEVQVGRKRLDQPGIWSNDSPTVFTQDVIYFPKILTSVGSNVSFHCYKKNKI 360
DB 301 GSSYEVQVGRKRLDQPGIWSNDSPTVFTQDVIYFPKILTSVGSNVSFHCYKKNKI 360

QY 361 VPSKEIYVMMNLAEKIPOSQYDVSDHVSQVTFNLTNPKRGKFTYDAVYCCNEHECHH 420
DB 361 VPSKEIYVMMNLAEKIPOSQYDVSDHVSQVTFNLTNPKRGKFTYDAVYCCNEHECHH 420

QY 421 RYAEIYVIVDWININISCTDGYLTMTCTCMSTTOSTLAESTLQRYHRSLLYCSIPSIH 480
DB 421 RYAEIYVIVDWININISCTDGYLTMTCTCMSTTOSTLAESTLQRYHRSLLYCSIPSIH 480

QY 481 PISEPKDCYLDQSGFYECIFOPIFLLSGYTWIRINHSLSGSDSPPTCVLPDSVVKPLPP 540
DB 481 PISEPKDCYLDQSGFYECIFOPIFLLSGYTWIRINHSLSGSDSPPTCVLPDSVVKPLPP 540

QY 541 SSVKAEIYINIGLLKISWEKVPFNNLQFQIRGLSCKEVQWKMVEYDIAKSKSVSLPV 600
DB 541 SSVKAEIYINIGLLKISWEKVPFNNLQFQIRGLSCKEVQWKMVEYDIAKSKSVSLPV 600

QY 601 PDLCAVAVQVRKRLDGLGYWNSNPNAYVVMDDIKVPMRGPPEFWRIINGDTMKKKNV 660
DB 601 PDLCAVAVQVRKRLDGLGYWNSNPNAYVVMDDIKVPMRGPPEFWRIINGDTMKKKNV 660

QY 661 TLLMKPLMKNDSLCSQRYVINHHTSCNGTWSVDGNHTKFTFLWTEQAHTVTLAINSI 720
DB 661 TLLMKPLMKNDSLCSQRYVINHHTSCNGTWSVDGNHTKFTFLWTEQAHTVTLAINSI 720

QY 721 GASVANFNLTFSWPMKYNIVQSLSAVPLNSSCVIVSWILSPSYDKLMFYFIENKNLNE 780
DB 721 GASVANFNLTFSWPMKYNIVQSLSAVPLNSSCVIVSWILSPSYDKLMFYFIENKNLNE 780

QY 781 GEIKWLRISSSVKYYIYHGKF 801

DB 781 GEIKWLRISSSVKYYIYHGKF 801

RESULT 13

US-10-079-625-4:

Sequence 4, Application US/10079625

Publication No. US20020182676A1

GENERAL INFORMATION:

APPLICANT: Tartaglia, Louis A.

APPLICANT: Tepper, Robert I.

APPLICANT: Culpepper, Janice A.

APPLICANT: White, David W.

TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR

TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,

NUMBER OF SEQUENCES: 50

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson, P.C.

STREET: 225 Franklin Street

CITY: Boston MA

STATE: MA

COUNTRY: US

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/079,625

FILING DATE: 2002-FEB-19

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/864,564

FILING DATE: 28-MAY-1997

APPLICATION NUMBER: 08/708,123

FILING DATE: 03-SEP-1996

APPLICATION NUMBER: 08/638,524

FILING DATE: 26-APR-1996

APPLICATION NUMBER: 08/599,455

FILING DATE: 22-JAN-1996

APPLICATION NUMBER: 08/583,153

FILING DATE: 28-DEC-1995

APPLICATION NUMBER: 08/570,142

FILING DATE: 11-DEC-1995

APPLICATION NUMBER: 08/569,485

FILING DATE: 08-DEC-1995

APPLICATION NUMBER: 08/566,622

FILING DATE: 04-DEC-1995

APPLICATION NUMBER: 08/562,663

FILING DATE: 27-NOV-1995

ATTORNEY/AGENT INFORMATION:

NAME: Meiklejohn, Ph.D., Anita L.

REGISTRATION NUMBER: 35,283

REFERENCE/DOCKET NUMBER: 07334/019002

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-542-5070

TELEFAX: 617-542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 1165 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

US-10-079-625-4

Query Match 99.1%; Score 4323; DB 14; Length 1165;

Best Local Similarity 99.5%; Pred. No. 0;

Matches 797; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 MICQKFCVLLHWEFIYVITAFNLSYPTWRFKLSMPPNSTYDYFLLPAGLSKNTSNS 60

1 MICQKFCVLLHWEFIYITAFNLSYPTIPWRKLSGMPNPNSTYDIFLLPAGLSKNTS 60
61 NGHYETAVEPKFNSSGTHFNLKTTFFHCCFRSEQRNCSLCADNIEGKTFVTVNSLVF 120
61 NGHYETAVEPKFNSSGTHFNLKTTFFHCCFRSEQRNCSLCADNIEGKTFVTVNSLVF 120
121 QOIDANNIOCVLKGDLKLFICYVESLFKNLFNRYNYKVHLLYVLPVLEDSPLVPQKGS 180
121 QOIDANNIOCVLKGDLKLFICYVESLFKNLFNRYNYKVHLLYVLPVLEDSPLVPQKGS 180
181 FQVHCNCSVHECCCLVPPVPTAKLNDTLMLCKITSGGVIFOSPLMSVQPINMVKPDP 240
181 FQVHCNCSVHECCCLVPPVPTAKLNDTLMLCKITSGGVIFOSPLMSVQPINMVKPDP 240
241 LGLHMEITDGNLKIWSGSPPLVPPFLOQVYKYSNSTTVIREADKIVSATSLLVDSILP 300
241 LGLHMEITDGNLKIWSGSPPLVPPFLOQVYKYSNSTTVIREADKIVSATSLLVDSILP 300
301 GSSYEVOVGRKRLDGPINSDNSTPRVFTQDVIYFPFKILTSVGSNVSFHCYKKNKI 360
301 GSSYEVOVGRKRLDGPINSDNSTPRVFTQDVIYFPFKILTSVGSNVSFHCYKKNKI 360
361 VPSKEIVWMNLAEKIPOSQYDVSDHVSQVTFNKLNETKPRGKFTYDVCNEHECHH 420
361 VPSKEIVWMNLAEKIPOSQYDVSDHVSQVTFNKLNETKPRGKFTYDVCNEHECHH 420
421 RYAEVYIDVNIINISCTDGYLTMTKTCRWSSTIOSLAESTLQLRHRSLSYCSIPSIH 480
421 RYAEVYIDVNIINISCTDGYLTMTKTCRWSSTIOSLAESTLQLRHRSLSYCSIPSIH 480
481 PISEPKDCYLSQDGFYECIFQPIFLLSGYTMIRINHSLSGSDSPPTCVLPDSVVKPLPP 540
481 PISEPKDCYLSQDGFYECIFQPIFLLSGYTMIRINHSLSGSDSPPTCVLPDSVVKPLPP 540
541 SSVKAEITINIGLLKISWEKVPFENNLOFQIRYGLSGKEVOWKMYEVDKSKSVSLPV 600
541 SSVKAEITINIGLLKISWEKVPFENNLOFQIRYGLSGKEVOWKMYEVDKSKSVSLPV 600
601 PDLCAVAYOVCKRLDGLGYNSNNSNPAYTVMDIKVPMRGPEFWRINGDTMKERNY 660
601 PDLCAVAYOVCKRLDGLGYNSNNSNPAYTVMDIKVPMRGPEFWRINGDTMKERNY 660
661 TLLKPLMKNDLSLCVORVIVNHHTSCNGTWSDEYVGNHTKFTFLTEQAHTVTVLAINSI 720
661 TLLKPLMKNDLSLCVORVIVNHHTSCNGTWSDEYVGNHTKFTFLTEQAHTVTVLAINSI 720
721 GASVANFLTFSPMKSVMIVQSLAYPLNNSCVIVSWILSPSDYKLMYFIEWKNLNED 780
721 GASVANFLTFSPMKSVMIVQSLAYPLNNSCVIVSWILSPSDYKLMYFIEWKNLNED 780
781 GEIKWLRISSVKKYIYHGF 801
781 GEIKWLRISSVKKYIYHGF 801

RESULT 14

US-10-095-929-3

Sequence 3, Application US/10095929

Publication No. US20020197232A1

GENERAL INFORMATION:

APPLICANT: Snodgrass, H. Ralph

Zupancic, Thomas Joel

Shafer, Alan Wayne

TITLE OF INVENTION: METHODS FOR USING THE OBESE

GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC

DEVELOPMENT

NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP

STREET: 1155 Avenue of The Americas

CITY: New York

STATE: NY
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/095,929
FILING DATE: 12-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/618,957
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 008907-0033-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 960 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-10-095-929-3

Query Match 99.0%; Score 4320; DB 14; Length 960;

Best Local Similarity 99.3%; Pred. No. 0;

Matches 795; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1 MICQKFCVLLHWEFIYITAFNLSYPTIPWRKLSGMPNPNSTYDIFLLPAGLSKNTS 60
DB 3 MICQKFCVLLHWEFIYITAFNLSYPTIPWRKLSGMPNPNSTYDIFLLPAGLSKNTS 62
QY 61 NGHYETAVEPKFNSSGTHFNLKTTFFHCCFRSEQRNCSLCADNIEGKTFVTVNSLVF 120
DB 63 NGHYETAVEPKFNSSGTHFNLKTTFFHCCFRSEQRNCSLCADNIEGKTFVTVNSLVF 122
QY 121 QOIDANNIOCVLKGDLKLFICYVESLFKNLFNRYNYKVHLLYVLPVLEDSPLVPQKGS 180
DB 123 QOIDANNIOCVLKGDLKLFICYVESLFKNLFNRYNYKVHLLYVLPVLEDSPLVPQKGS 182
QY 181 FQVHCNCSVHECCCLVPPVPTAKLNDTLMLCKITSGGVIFOSPLMSVQPINMVKPDP 240
DB 183 FQVHCNCSVHECCCLVPPVPTAKLNDTLMLCKITSGGVIFOSPLMSVQPINMVKPDP 242
QY 241 LGLHMEITDGNLKIWSGSPPLVPPFLOQVYKYSNSTTVIREADKIVSATSLLVDSILP 300
DB 243 LGLHMEITDGNLKIWSGSPPLVPPFLOQVYKYSNSTTVIREADKIVSATSLLVDSILP 302
QY 301 GSSYEVOVGRKRLDGPINSDNSTPRVFTQDVIYFPFKILTSVGSNVSFHCYKKNKI 360
DB 303 GSSYEVOVGRKRLDGPINSDNSTPRVFTQDVIYFPFKILTSVGSNVSFHCYKKNKI 362
QY 361 VPSKEIVWMNLAEKIPOSQYDVSDHVSQVTFNKLNETKPRGKFTYDVCNEHECHH 420
DB 363 VPSKEIVWMNLAEKIPOSQYDVSDHVSQVTFNKLNETKPRGKFTYDVCNEHECHH 422
QY 421 RYAEVYIDVNIINISCTDGYLTMTKTCRWSSTIOSLAESTLQLRHRSLSYCSIPSIH 480
DB 423 RYAEVYIDVNIINISCTDGYLTMTKTCRWSSTIOSLAESTLQLRHRSLSYCSIPSIH 482
QY 481 PISEPKDCYLSQDGFYECIFQPIFLLSGYTMIRINHSLSGSDSPPTCVLPDSVVKPLPP 540
DB 483 PISEPKDCYLSQDGFYECIFQPIFLLSGYTMIRINHSLSGSDSPPTCVLPDSVVKPLPP 542

Qy 541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWMEVYDAKSKVSLPV 600
 Db 543 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWMEVYDAKSKVSLPV 602
 Qy 601 PDLCAVAVQVRCKRLDGLGYSWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
 Db 603 PDLCAVAVQVRCKRLDGLGYSWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 662
 Qy 661 TLLWKPLMKNDLSLCSVORYVINHHSTSCNGTWSDEDVGNHTFTFLWTEQAHTVTVLAINSI 720
 Db 663 TLLWKPLMKNDLSLCSVORYVINHHSTSCNGTWSDEDVGNHTFTFLWTEQAHTVTVLAINSI 722
 Qy 721 GASVANFNLTFSWPMKVNIVQSLSAYPNLSNCCVIVSWILSPSDYKLMYFIIEWKNLNED 780
 Db 723 GASVANFNLTFSWPMKVNIVQSLSAYPNLSNCCVIVSWILSPSDYKLMYFIIEWKNLNED 782
 Qy 781 GEIKWLRISSSVKYYIHGKF 801
 Db 783 GEIKWLRISSSVKYYIHDF 803

RESULT 15
 US-10-245-616-3
 ; Sequence 3, Application US/10245616
 ; Publication No. US20030082612A1
 GENERAL INFORMATION:
 APPLICANT: Shodgrass, H.
 Clotfi, Joseph
 Zupancic, Thomas
 Shafer, Alan
 TITLE OF INVENTION: DETECTION OF A LEPTIN RECEPTOR VARIANT
 AND METHODS FOR REGULATING OBESITY
 NUMBER OF SEQUENCES: 5
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: US
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/245,616
 FILING DATE: 17-Sep-2002
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/588,189
 FILING DATE: 18-JAN-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Poissant, Brian M
 REGISTRATION NUMBER: 28,462
 REFERENCE/DOCKET NUMBER: 8907-101
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEFAX: (212) 869-9741
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 898 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-10-245-616-3
 Query Match 98.9%; Score 4315; DB 15; Length 898;
 Best Local Similarity 99.1%; Pred. No. 0;
 Matches 794; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

Qy 1 MIQCKFCVLLHWEFIVITAFNLSPITPWRFKLSMPNPNSTYDYELLFAGLSKNTSNS 60
 Db 3 MIQCKFCVLLHWEFIVITAFNLSPITPWRFKLSMPNPNSTYDYELLFAGLSKNTSNS 62
 Qy 61 NGHYETAVERKFNSSGTHFNLKSKTTHFCHCFRSEQRNCSLCADNIEGKTFVSTVNSLPV 120
 Db 63 NGHYETAVERKFNSSGTHFNLKSKTTHFCHCFRSEQRNCSLCADNIEGKTFVSTVNSLPV 122
 Qy 121 QOIDANNIOCLWGLDKLFLCYVESLFKFLFNRYNYKHLVYLPVLEDSPLVPKPGS 180
 Db 123 QOIDANNIOCLWGLDKLFLCYVESLFKFLFNRYNYKHLVYLPVLEDSPLVPKPGS 182
 Qy 181 FQWVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFQSPMLSVOPINMVKPDPP 240
 Db 183 FQWVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFRSPMLSVOPINMVKPDPP 242
 Qy 241 LGLHMEITDDGNLKIWSNPPPLVPFPLOYQVKYSENSTTVIREADKIVSATSLVDSILP 300
 Db 243 LGLHMEITDDGNLKIWSNPPPLVPFPLOYQVKYSENSTTVIREADKIVSATSLVDSILP 302
 Qy 301 GSSYEVOVRCKRLDGLGYSWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 360
 Db 303 GSSYEVOVRCKRLDGLGYSWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 362
 Qy 361 VPSKEIWMNLAEKIPQSQYDVVSDHVSKVTFEFLNETKPRGRFTYDAVYCCNEHECHH 420
 Db 363 VPSKEIWMNLAEKIPQSQYDVVSDHVSKVTFEFLNETKPRGRFTYDAVYCCNEHECHH 422
 Qy 421 RYAEIYVIDVNNINISCTDGYLTMTCTWSTTOSLAESTLQLRHRSLLYCSIDIPSIH 480
 Db 423 RYAEIYVIDVNNINISCTDGYLTMTCTWSTTOSLAESTLQLRHRSLLYCSIDIPSIH 482
 Qy 481 PISEPKDCYLOSDFEYECIFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDVSVKPLPP 540
 Db 483 PISEPKDCYLOSDFEYECIFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDVSVKPLPP 542
 Qy 541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWMEVYDAKSKVSLPV 600
 Db 543 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWMEVYDAKSKVSLPV 602
 Qy 601 PDLCAVAVQVRCKRLDGLGYSWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
 Db 603 PDLCAVAVQVRCKRLDGLGYSWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 662
 Qy 661 TLLWKPLMKNDLSLCSVORYVINHHSTSCNGTWSDEDVGNHTFTFLWTEQAHTVTVLAINSI 720
 Db 663 TLLWKPLMKNDLSLCSVORYVINHHSTSCNGTWSDEDVGNHTFTFLWTEQAHTVTVLAINSI 722
 Qy 721 GASVANFNLTFSWPMKVNIVQSLSAYPNLSNCCVIVSWILSPSDYKLMYFIIEWKNLNED 780
 Db 723 GASVANFNLTFSWPMKVNIVQSLSAYPNLSNCCVIVSWILSPSDYKLMYFIIEWKNLNED 782
 Qy 781 GEIKWLRISSSVKYYIHGKF 801
 Db 783 GEIKWLRISSSVKYYIHDF 803

Search completed: September 22, 2003, 15:55:07
 Job time : 37 secs

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OM protein - protein search, using sw model

Run on: September 22, 2003, 15:41:23 ; Search time 20 Seconds
(without alignments)
1700.896 Million cell updates/sec

Title: US-09-116-676-10

Perfect score: 4363

Sequence: 1 MICQKPCVLLHWEFIYVIT.....WLRISSVKYYIHGKFTIL 804

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA.*

- 1: /cgn2.6/ptodata/1/1aa/5A_COMB.pep.*
- 2: /cgn2.6/ptodata/1/1aa/5B_COMB.pep.*
- 3: /cgn2.6/ptodata/1/1aa/6A_COMB.pep.*
- 4: /cgn2.6/ptodata/1/1aa/6B_COMB.pep.*
- 5: /cgn2.6/ptodata/1/1aa/PTUS_COMB.pep.*
- 6: /cgn2.6/ptodata/1/1aa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	4337	99.4	896	4	US-08-780-562-3
2	4337	99.4	923	4	US-08-780-562-4
3	4337	99.4	1165	2	US-08-599-455B-4
4	4337	99.4	1165	3	US-09-093-814-1
5	4337	99.4	1165	3	US-09-069-781B-4
6	4337	99.4	1165	4	US-08-618-957A-11
7	4337	99.4	1165	4	US-09-137-132-4
8	4337	99.4	1165	4	US-09-094-410-4
9	4337	99.4	1165	4	US-08-708-123D-4
10	4337	99.4	1165	4	US-08-583-153A-4
11	4337	99.4	1165	4	US-08-570-142D-4
12	4337	99.4	1165	4	US-08-780-562-2
13	4337	99.4	1165	4	US-08-638-524B-4
14	4325	99.1	896	4	US-08-618-957A-10
15	4325	99.1	896	4	US-09-357-914-33
16	4325	99.1	898	2	US-08-693-697-36
17	4325	99.1	906	4	US-08-618-957A-9
18	4325	99.1	906	4	US-09-357-914-32
19	4325	99.1	908	2	US-08-693-697-33
20	4325	99.1	958	4	US-08-618-957A-8
21	4325	99.1	960	1	US-08-355-888A-8
22	4325	99.1	960	2	US-08-693-697-8
23	4325	99.1	960	2	US-08-640-389A-3
24	4325	99.1	960	3	US-08-693-696-8
25	4325	99.1	960	4	US-09-357-914-8
26	4323	99.1	1165	4	US-08-864-564A-4
27	4320	99.0	960	2	US-08-588-190-3

28 4320 99.0 960 4 US-08-618-957A-3
29 4315 98.9 898 4 US-08-588-189-3
30 4315 98.9 908 2 US-08-588-526-3
31 4309 98.8 1165 2 US-08-640-389A-11
32 4297 98.5 896 2 US-08-640-389A-10
33 4297 98.5 906 2 US-08-640-389A-9
34 4297 98.5 958 2 US-08-640-389A-8
35 4135 94.8 896 4 US-09-043-816E-13
36 3361 77.0 896 2 US-08-640-389A-12
37 3345 76.7 894 3 US-08-599-455B-2
38 3345 76.7 894 3 US-09-069-781B-2
39 3345 76.7 894 4 US-09-137-132-2
40 3345 76.7 894 4 US-08-864-564A-2
41 3345 76.7 894 4 US-09-094-410-2
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43 3345 76.7 894 4 US-08-583-153A-2
44 3345 76.7 894 4 US-08-570-142D-2
45 3345 76.7 894 4 US-08-638-524B-2

ALIGNMENTS

RESULT 1
US-08-780-562-3
; Sequence 3, Application US/08780562
; Patent No. 6541604
; GENERAL INFORMATION:
; APPLICANT: Mathews, William
; APPLICANT: Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 896 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-780-562-3

Query Match 99.4%; Score 4337; DB 4; Length 896;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 1 MICQKFCVLLHWEFIIYITAFNLSYPTTPRFRKLSKMPNPNSTYDYELLPAGLSKNTNS 60
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Db 61 NGHETAVEPKFNSGTHFNSLTKTFHCCFRSDRNCISLCADNIEGKTFVSVNSLVF 120
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Db 121 QOIDANNIQCWLKGLDKLFCYVESLFKNLFNRYNYKVHLLYVLPVLEDSPLVPKGS 180
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Db 181 FQMVHCNSVHECCVCECLVPVPTAKLNDTLMLCLKITSGGVIFQSPPLMSVQPINNVKPDPP 240
Qy 241 LGLHMETDDGNLKSISWSSPPLVPFPLOYQVYKSENSTTVIREADKIVSATSLLVDSILP 300
Db 241 LGLHMETDDGNLKSISWSSPPLVPFPLOYQVYKSENSTTVIREADKIVSATSLLVDSILP 300
Qy 301 GSSYEVOVRKRLDGPICGWSNDSPTPRFTTQDVYFPPKILTSVGSNVSFHCYKKNKI 360
Db 301 GSSYEVOVRKRLDGPICGWSNDSPTPRFTTQDVYFPPKILTSVGSNVSFHCYKKNKI 360
Qy 361 VPSKEIYVMMNLAEKIPQSOYDVVSDHVSRTFNNLNETKPRGKFTYDAVYCCNEHECHH 420
Db 361 VPSKEIYVMMNLAEKIPQSOYDVVSDHVSRTFNNLNETKPRGKFTYDAVYCCNEHECHH 420
Qy 421 RYAEIYVIDVNNISCTDGYLTWKTCRWSTSTTQSLAESTLQIRYHRSLSYCDIPSIH 480
Db 421 RYAEIYVIDVNNISCTDGYLTWKTCRWSTSTTQSLAESTLQIRYHRSLSYCDIPSIH 480
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Db 481 PISEPKDCYQSDGFYECIFQPIFLLSGYTMWIRINHSLSGLSDSPPTCVLPDVSVKPLPP 540
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Db 541 SSVKAEITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEVQWMEYDYDAKSKSVSLPV 600
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Db 601 PDLCAVAVQVRKRLDGLGYSWNSNPAYTVVMDIKVPMRGPFEFWRINGDTMKKEKNV 660
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Db 661 TLLWPKMLKNDLSQVQRYVINHTSCNGTWSGVDGNHTKFTFLWTEQAHVTVLAINSI 720
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Db 721 GASVANFNLTSPWMSKVNIVQSLAYSPLNSSCVIVSWILSPSDYKLMYFIIENKNLNE 780
Qy 781 GEIKWLRISSVKKYIYHGKF 801
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RESULT 2

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US-08-780-562-4
; Sequence 4, Application US/08780562
; Patent No. 6541604

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GENERAL INFORMATION:

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; APPLICANT: Matthews, William
; APPLICANT: Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/780,562
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 923 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; US-08-780-562-4

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Query Match 99.4%; Score 4337; DB 4; Length 923;

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Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Db 61 NGHETAVEPKFNSGTHFNSLTKTFHCCFRSDRNCISLCADNIEGKTFVSVNSLVF 120
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Db 181 FQMVHCNSVHECCVCECLVPVPTAKLNDTLMLCLKITSGGVIFQSPPLMSVQPINNVKPDPP 240
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Db 301 GSSYEVOVRKRLDGPICGWSNDSPTPRFTTQDVYFPPKILTSVGSNVSFHCYKKNKI 360
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Db 421 RYAEIYVIDVNNISCTDGYLTWKTCRWSTSTTQSLAESTLQIRYHRSLSYCDIPSIH 480
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 Db 721 GASVANFNLTFSWPMKSKVNIQSLAYSAYPLNSSCVIVSWILLSPSDYKLMYFIIEWKNLND 780
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 Db 781 GEIKWLRISSSVKKYIHHGF 801

RESULT 3

US-08-599-455B-4
 ; Sequence 4, Application US/08599455B
 ; Patent No. 5972621.
 ; GENERAL INFORMATION:
 ; APPLICANT: Tartaglia, Louis A.
 ; APPLICANT: Tepper, Robert I.
 ; APPLICANT: Culpepper, Janice A.
 ; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
 ; MODULATE BODY WEIGHT USING THE OB RECEPTOR
 ; NUMBER OF SEQUENCES: 44
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish & Richardson, P.C.
 ; STREET: 225 Franklin Street
 ; CITY: Boston
 ; STATE: MA
 ; COUNTRY: US
 ; ZIP: 02110-2804
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: Windows95
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/599,455B
 ; FILING DATE: 22-JAN-1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/583,153
 ; FILING DATE: 28-DEC-1995
 ; APPLICATION NUMBER: 08/570,142
 ; FILING DATE: 11-DEC-1995
 ; APPLICATION NUMBER: 08/569,485
 ; FILING DATE: 08-DEC-1995
 ; APPLICATION NUMBER: 08/566,622
 ; FILING DATE: 04-DEC-1995
 ; APPLICATION NUMBER: 08/562,663
 ; FILING DATE: 27-NOV-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Melklejohn, Ph.D., Anita L.
 ; REGISTRATION NUMBER: 35,283
 ; REFERENCE/DOCKET NUMBER: 07334/017001
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 617-542-5070
 ; TELEFAX: 617-542-8906
 ; TELEX: 200154

INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1165 amino acids
 TYPE: amino acid
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 FRAGMENT TYPE: internal

US-08-599-455B-4

Query Match

99.4%; Score 4337; DB 2; Length 1165;

Best Local Similarity 99.8%; Pred. No. 0;
 Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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 Db 1 MICOKFCVLLHWEFIYVITAFNLSPITPWRFKLSMPNPSTYDYFLLPAGLSKNTSNS 60
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 Db 121 QQIDANNNIOCLKGLDKLFCVYESLFPKLNFRNYKVHLLYVLEVEDSLVPKQGS 180
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 Db 181 FQMVHCNCSVHECECLVPVPTAKLNDTLMLCKITSGGVIFOSPLMSVQPINNVKPDPP 240
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 Db 241 LGLHMEITDDGNLKIWSWSPPLVPPLOYOVKYSNSTTVIREADKIVSATSLLVDSILP 300
 QY 301 GSSYEVOVRGKRLDGPGLNSDMSSTPRVFTTQDVIYPPPKILTSVGSNVSFHCYKKENKI 360
 Db 301 GSSYEVOVRGKRLDGPGLNSDMSSTPRVFTTQDVIYPPPKILTSVGSNVSFHCYKKENKI 360
 QY 361 VFSKEIWMNLAELKIPQSOYDVVSDHVSKVFFNLTNETKPRGKFTYDAYCCNEHECHH 420
 Db 361 VFSKEIWMNLAELKIPQSOYDVVSDHVSKVFFNLTNETKPRGKFTYDAYCCNEHECHH 420
 QY 421 RYAEIYVIDVNIINISCTDGYLTMTKTCRNSTSTIQSLAESTLQRLYHRSLSYCSIDPSIH 480
 Db 421 RYAEIYVIDVNIINISCTDGYLTMTKTCRNSTSTIQSLAESTLQRLYHRSLSYCSIDPSIH 480
 QY 481 PISEPKDCYLOSDGVECFQPIFLLSGYTMTIRINHSLSGLSDSPPTCYLPDSVVKPLPP 540
 Db 481 PISEPKDCYLOSDGVECFQPIFLLSGYTMTIRINHSLSGLSDSPPTCYLPDSVVKPLPP 540
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 Db 601 PDLCAVAVQVRCKRLDGLGYNSWNSNPAYTVVMDIKVPMRGPEFWRINGDTPMKKEKNV 660
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 Db 661 TLLWKLPMKNDLSLCSVQRYVINHTSCNCTWSEDVGNHTKFTFLWTEQAHTVTVLAINSI 720
 QY 721 GASVANFNLTFSWPMKSKVNIQSLAYSAYPLNSSCVIVSWILLSPSDYKLMYFIIEWKNLND 780
 Db 721 GASVANFNLTFSWPMKSKVNIQSLAYSAYPLNSSCVIVSWILLSPSDYKLMYFIIEWKNLND 780
 QY 781 GEIKWLRISSSVKKYIHHGF 801
 Db 781 GEIKWLRISSSVKKYIHHGF 801

RESULT 4

US-09-093-814-1
 ; Sequence 1, Application US/09093814
 ; Patent No. 6270981
 ; GENERAL INFORMATION:
 ; APPLICANT: Carpenter et al.
 ; TITLE OF INVENTION: ASSAY SYSTEMS FOR LEPTIN-ENHANCING AGENTS
 ; FILE REFERENCE: REG 580-A
 ; CURRENT APPLICATION NUMBER: US/09/093,814
 ; CURRENT FILING DATE: 1998-06-09
 ; PRIOR APPLICATION NUMBER: 60/049,108
 ; PRIOR FILING DATE: 1997-06-09
 ; NUMBER OF SEQ ID NOS: 1

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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-093-814-1

Query Match      99.4%; Score 4337; DB 3; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MICQKFCVLLHWEFIYVITAFNLSYPTIPWRFKLSGMPNPNSTYDFLLPAGLSKNTS 60
DB 1 MICQKFCVLLHWEFIYVITAFNLSYPTIPWRFKLSGMPNPNSTYDFLLPAGLSKNTS 60

QY 61 NGHYETAPEKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVTSVNSLV 120
DB 61 NGHYETAPEKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVTSVNSLV 120

QY 121 QOIDANWNIQWLKGLDLCFYVESLFKNLFRNRYNYKVHLLYVLPVLEDSPLVPQKGS 180
DB 121 QOIDANWNIQWLKGLDLCFYVESLFKNLFRNRYNYKVHLLYVLPVLEDSPLVPQKGS 180

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DB 181 FQWVHCNCSVEHCECLVPVPTAKLNDTLMLCLKITSGGVIFQSPFLMSVQPINMKVDP 240

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DB 241 LGLHMEITDDGNLKIWSNPPLVPFPLOQYQVYKYSNSTTVIREADKIVSATSLLDVSTLP 300

QY 301 GSSVEQVQGRRLDGPGLWSWSTPRVFTTQDVYFPFKILTSGVNSVFCIYKKNKI 360
DB 301 GSSVEQVQGRRLDGPGLWSWSTPRVFTTQDVYFPFKILTSGVNSVFCIYKKNKI 360

QY 361 VPSKEIVVMNLAEKIPQSDYDVSDHVKYTFENLNETKPRGFTTDAVYCCNEHECH 420
DB 361 VPSKEIVVMNLAEKIPQSDYDVSDHVKYTFENLNETKPRGFTTDAVYCCNEHECH 420

QY 421 RYAEIYVIVDWININISCTDGYLTMTKCRWSTSTIQSLAESTLQRLYHRSSLYCSDIPS 480
DB 421 RYAEIYVIVDWININISCTDGYLTMTKCRWSTSTIQSLAESTLQRLYHRSSLYCSDIPS 480

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DB 481 PISEPKCYLQSDGFYECIFQPIFLLSGYTWIRINHSLSGLSDSPPTCVLPDVSVPK 540

QY 541 SSVRAEITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEVQWKMVEYDIAKSVSLPV 600
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QY 601 PDLCAVAVQVRCRLDGLGYWSNNSPAYTVVMDIKVPMRGPEFWRIINGDTMKKKNV 660
DB 601 PDLCAVAVQVRCRLDGLGYWSNNSPAYTVVMDIKVPMRGPEFWRIINGDTMKKKNV 660

QY 661 TLLAKPLMKNDLSQVQRYVINHHTSCNGTWSVDGNTKFTFLWTOQAHTVTVLAINSI 720
DB 661 TLLAKPLMKNDLSQVQRYVINHHTSCNGTWSVDGNTKFTFLWTOQAHTVTVLAINSI 720

QY 721 GASVANFNLTFSWPMKVNIVQSLSAVPLNSSCVIVSNILSPSDYKLMYFTIENKLNED 780
DB 721 GASVANFNLTFSWPMKVNIVQSLSAVPLNSSCVIVSNILSPSDYKLMYFTIENKLNED 780

QY 781 GEIKWLRISSSVKKYIYIHGK 801
DB 781 GEIKWLRISSSVKKYIYIHDF 801

RESULT 5
US-09-069-781B-4
; Sequence 4, Application US/09069781B
; Patent No. 6287782
; GENERAL INFORMATION:

; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Pepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/069,781B
; FILING DATE: 29-APRIL-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: US 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: US 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: US 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: US 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: US 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: US 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: US 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: US 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Melklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/082001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1165 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; US-09-069-781B-4

Query Match      99.4%; Score 4337; DB 3; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MICQKFCVLLHWEFIYVITAFNLSYPTIPWRFKLSGMPNPNSTYDFLLPAGLSKNTS 60
DB 1 MICQKFCVLLHWEFIYVITAFNLSYPTIPWRFKLSGMPNPNSTYDFLLPAGLSKNTS 60

QY 61 NGHYETAPEKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVTSVNSLV 120
DB 61 NGHYETAPEKFNSSGTHFSNLSKTTFHCCFRSEQDRNCSLCADNIEGKTFVTSVNSLV 120

QY 121 QOIDANWNIQWLKGLDLCFYVESLFKNLFRNRYNYKVHLLYVLPVLEDSPLVPQKGS 180
DB 121 QOIDANWNIQWLKGLDLCFYVESLFKNLFRNRYNYKVHLLYVLPVLEDSPLVPQKGS 180
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Db 121 QOIDANNIQCWLKGLKLFICYVESLFRNLFNRYNYKVHLLYVLEVEDSLVPQKGS 180
Qy 181 FQVHCNCSVHECECECLVPVPTAKLNDTLMLCKLITSGGVIFQSPPLMSVOPINMWKPDPP 240
Db 181 FQVHCNCSVHECECECLVPVPTAKLNDTLMLCKLITSGGVIFQSPPLMSVOPINMWKPDPP 240
Qy 241 LGLHMETDDGNLKIWSNPPPLVPFPLOYOVKYSNSTTVIREADKIVSATSLLVDSILP 300
Db 241 LGLHMETDDGNLKIWSNPPPLVPFPLOYOVKYSNSTTVIREADKIVSATSLLVDSILP 300
Qy 301 GSSYEVOVRGKRLDGPFIWSNDSTPRVFTTQDVIYFPPKILTSVGSNVSFHCYKKNKI 360
Db 301 GSSYEVOVRGKRLDGPFIWSNDSTPRVFTTQDVIYFPPKILTSVGSNVSFHCYKKNKI 360
Qy 361 VPSKEIVWMNLAEKIPOSQOYDVVSDHVSKVTFNLFNRYNYKVHLLYVLEVEDSLVPQKGS 420
Db 361 VPSKEIVWMNLAEKIPOSQOYDVVSDHVSKVTFNLFNRYNYKVHLLYVLEVEDSLVPQKGS 420
Qy 421 RYAEIYVIVDININISCTDGYLTMTKCRWSTSTIQSLAESTLQRLYHRSLSYCSIPSIH 480
Db 421 RYAEIYVIVDININISCTDGYLTMTKCRWSTSTIQSLAESTLQRLYHRSLSYCSIPSIH 480
Qy 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
Db 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
Qy 541 SSVKAEITINIGLLKTSWEKVPENNLQFQIRYGLSGKEVQWKMTEVYDAKSKSVSLPV 600
Db 541 SSVKAEITINIGLLKTSWEKVPENNLQFQIRYGLSGKEVQWKMTEVYDAKSKSVSLPV 600
Qy 601 PDLCAVAVQVRCKRLDGLGYWSNPNPAYTVVMDIKVPMRGPEFWRINGDTMKKEKNV 660
Db 601 PDLCAVAVQVRCKRLDGLGYWSNPNPAYTVVMDIKVPMRGPEFWRINGDTMKKEKNV 660
Qy 661 TLLWPKLMDKNDLSCSVQRYVINHHTSCNGTWSGDVGNHTKFTFLWTEQAHVTVLAINSI 720
Db 661 TLLWPKLMDKNDLSCSVQRYVINHHTSCNGTWSGDVGNHTKFTFLWTEQAHVTVLAINSI 720
Qy 721 GASVANFNLTFSWPMKVNIVOSLSAYPLNSCVCVIVSWILSPSDYKLMYFIIEWKNLNE 780
Db 721 GASVANFNLTFSWPMKVNIVOSLSAYPLNSCVCVIVSWILSPSDYKLMYFIIEWKNLNE 780
Qy 781 GEIKWLRISSVKKYIHDHF 801
Db 781 GEIKWLRISSVKKYIHDHF 801

RESULT 6

US-08-618-957A-11
Sequence 11, Application US/08618957A
Patent No. 6355237
GENERAL INFORMATION:
APPLICANT: Snodgrass, H. Ralph
APPLICANT: Cioffi, Joseph
APPLICANT: Zupancic, Thomas Joel
APPLICANT: Shafer, Alan Wayne
TITLE OF INVENTION: METHODS FOR USING THE OBESE
TITLE OF INVENTION: GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
TITLE OF INVENTION: DEVELOPMENT
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of The Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/618,957A
FILING DATE: 20-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Polissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 008907-0033-999
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 1165 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-618-957A-11

Query Match 99.4%; Score 4337; DB 4; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 MICQPCVLLHWEFIYVITAFNLSYPITPMPKLSMPNPNSTYDYFLLPAGLSKNTS 60
Db 1 MICQPCVLLHWEFIYVITAFNLSYPITPMPKLSMPNPNSTYDYFLLPAGLSKNTS 60
Qy 61 NGHYETAVPEKPNSSGTHFSNLKSTTHCCFSEQRNCSLCADNTEGKTFVSTVNSLVF 120
Db 61 NGHYETAVPEKPNSSGTHFSNLKSTTHCCFSEQRNCSLCADNTEGKTFVSTVNSLVF 120
Qy 121 QOIDANNIQCWLKGLKLFICYVESLFRNLFNRYNYKVHLLYVLEVEDSLVPQKGS 180
Db 121 QOIDANNIQCWLKGLKLFICYVESLFRNLFNRYNYKVHLLYVLEVEDSLVPQKGS 180
Qy 181 FQVHCNCSVHECECECLVPVPTAKLNDTLMLCKLITSGGVIFQSPPLMSVOPINMWKPDPP 240
Db 181 FQVHCNCSVHECECECLVPVPTAKLNDTLMLCKLITSGGVIFQSPPLMSVOPINMWKPDPP 240
Qy 241 LGLHMETDDGNLKIWSNPPPLVPFPLOYOVKYSNSTTVIREADKIVSATSLLVDSILP 300
Db 241 LGLHMETDDGNLKIWSNPPPLVPFPLOYOVKYSNSTTVIREADKIVSATSLLVDSILP 300
Qy 301 GSSYEVOVRGKRLDGPFIWSNDSTPRVFTTQDVIYFPPKILTSVGSNVSFHCYKKNKI 360
Db 301 GSSYEVOVRGKRLDGPFIWSNDSTPRVFTTQDVIYFPPKILTSVGSNVSFHCYKKNKI 360
Qy 361 VPSKEIVWMNLAEKIPOSQOYDVVSDHVSKVTFNLFNRYNYKVHLLYVLEVEDSLVPQKGS 420
Db 361 VPSKEIVWMNLAEKIPOSQOYDVVSDHVSKVTFNLFNRYNYKVHLLYVLEVEDSLVPQKGS 420
Qy 421 RYAEIYVIVDININISCTDGYLTMTKCRWSTSTIQSLAESTLQRLYHRSLSYCSIPSIH 480
Db 421 RYAEIYVIVDININISCTDGYLTMTKCRWSTSTIQSLAESTLQRLYHRSLSYCSIPSIH 480
Qy 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
Db 481 PISEPKDCYLQSDGFYECIFQPIFLLSGYTMIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
Qy 541 SSVKAEITINIGLLKTSWEKVPENNLQFQIRYGLSGKEVQWKMTEVYDAKSKSVSLPV 600
Db 541 SSVKAEITINIGLLKTSWEKVPENNLQFQIRYGLSGKEVQWKMTEVYDAKSKSVSLPV 600
Qy 601 PDLCAVAVQVRCKRLDGLGYWSNPNPAYTVVMDIKVPMRGPEFWRINGDTMKKEKNV 660
Db 601 PDLCAVAVQVRCKRLDGLGYWSNPNPAYTVVMDIKVPMRGPEFWRINGDTMKKEKNV 660
Qy 661 TLLWPKLMDKNDLSCSVQRYVINHHTSCNGTWSGDVGNHTKFTFLWTEQAHVTVLAINSI 720
Db 661 TLLWPKLMDKNDLSCSVQRYVINHHTSCNGTWSGDVGNHTKFTFLWTEQAHVTVLAINSI 720

Db 661 TLLWKPLMKNDLSCVQRYVINHHHTSCNGTWSVDGNGHTKFTFLWTEQAHTVTVLAINSI 720
 QY 721 GASVANFNLTSPMSKYNIVQSLASAYPLNSSCVIVSWILSPDYKLMFYFIEWKNLNED 780
 Db 721 GASVANFNLTSPMSKYNIVQSLASAYPLNSSCVIVSWILSPDYKLMFYFIEWKNLNED 780
 QY 781 GEIKWLRISSSVKYYIHGKF 801
 Db 781 GEIKWLRISSSVKYYIHDFH 801

RESULT 7

US-09-137-132-4
 ; Sequence 4, Application US/09137132
 ; Patent No. 6380363
 ; GENERAL INFORMATION:
 ; APPLICANT: Tartaglia, Louis A.
 ; APPLICANT: Tepper, Robert I.
 ; APPLICANT: Culpepper, Janice A.
 ; APPLICANT: White, David W.
 ; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
 ; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
 ; NUMBER OF SEQUENCES: 50
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish & Richardson, P.C.
 ; STREET: 225 Franklin Street
 ; CITY: Boston
 ; STATE: MA
 ; COUNTRY: US
 ; ZIP: 02110-2804
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: Windows95
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/137,132
 ; FILING DATE: 18-AUG-1998
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/864,564
 ; FILING DATE: 28-MAY-1997
 ; APPLICATION NUMBER: 08/708,123
 ; FILING DATE: 03-SEP-1996
 ; APPLICATION NUMBER: 08/638,524
 ; FILING DATE: 26-APR-1996
 ; APPLICATION NUMBER: 08/599,455
 ; FILING DATE: 22-JAN-1996
 ; APPLICATION NUMBER: 08/583,153
 ; FILING DATE: 28-DEC-1995
 ; APPLICATION NUMBER: 08/570,142
 ; FILING DATE: 11-DEC-1995
 ; APPLICATION NUMBER: 08/569,485
 ; FILING DATE: 08-DEC-1995
 ; APPLICATION NUMBER: 08/566,622
 ; FILING DATE: 04-DEC-1995
 ; APPLICATION NUMBER: 08/562,663
 ; FILING DATE: 27-NOV-1995

ATTORNEY/AGENT INFORMATION:
 NAME: Meiklejohn, Ph.D., Anita L.
 REGISTRATION NUMBER: 35,283
 REFERENCE/DOCKET NUMBER: 07334/019004
 TELEPHONE: 617-542-5070
 TELEFAX: 617-542-8906
 TELEX: 200154

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 1165 amino acids

TOPOLOGY: unknown

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

US-09-137-132-4

Query Match 99.4%; Score 4337; DB 4; Length 1165;
 Best Local Similarity 99.8%; Pred. No. 0;
 Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY	1	MICQKFCVLLHWEFIVITAFNLSPITTPRREKLSCHMPNSTDYELLPAGLSKNTSNS	60
Db	1	MICQKFCVLLHWEFIVITAFNLSPITTPRREKLSCHMPNSTDYELLPAGLSKNTSNS	60
QY	61	NGHYETAVEPKFNSGTHFSNLSKTTTFHCCFRSEQDRNCSCADNIEGKTFVSTVNSLVF	120
Db	61	NGHYETAVEPKFNSGTHFSNLSKTTTFHCCFRSEQDRNCSCADNIEGKTFVSTVNSLVF	120
QY	121	QOIDANNNIOQWLKGLDLKFCYVESLKNLFNRYNYKVHLLYVLPVLEDSPLVPQKGS	180
Db	121	QOIDANNNIOQWLKGLDLKFCYVESLKNLFNRYNYKVHLLYVLPVLEDSPLVPQKGS	180
QY	181	FQMVHCNCSVHECCCECLVPVPTAKLNDTLLMCLKLTSGGVTFQSPMLSVOPINMYKPPDP	240
Db	181	FQMVHCNCSVHECCCECLVPVPTAKLNDTLLMCLKLTSGGVTFQSPMLSVOPINMYKPPDP	240
QY	241	LGLHMEITDDGNLKAISWSSPPLVPFPQYQVKYSENSTTVIREADKIVSATSLVDSILP	300
Db	241	LGLHMEITDDGNLKAISWSSPPLVPFPQYQVKYSENSTTVIREADKIVSATSLVDSILP	300
QY	301	GSSYEVOVGRKRLDGPGLIWSDWSPRVTQDVYFPFKILTSGVSNVSPHICIKKENKI	360
Db	301	GSSYEVOVGRKRLDGPGLIWSDWSPRVTQDVYFPFKILTSGVSNVSPHICIKKENKI	360
QY	361	VPSKEIVVMNLAEKIPQSOYDVSDVSHVSKYTFPPNLTETKPRGKFTYDAVYCCNEHCCH	420
Db	361	VPSKEIVVMNLAEKIPQSOYDVSDVSHVSKYTFPPNLTETKPRGKFTYDAVYCCNEHCCH	420
QY	421	RYAELYVIDVNIINISCTDGYLTMTKCRWSTSTIQSLAESTLQLRYHRSLLYCSIPSIH	480
Db	421	RYAELYVIDVNIINISCTDGYLTMTKCRWSTSTIQSLAESTLQLRYHRSLLYCSIPSIH	480
QY	481	PISEPKCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP	540
Db	481	PISEPKCYLQSDGFYECIFQPIFLLSGYTMWIRINHSLGSLDSPPTCVLPDSVVKPLPP	540
QY	541	SSVKAETINIGLLKISWEKVPFPENNLOFQIRYGLSGKEVQWKMYEYDADSKSVSLPV	600
Db	541	SSVKAETINIGLLKISWEKVPFPENNLOFQIRYGLSGKEVQWKMYEYDADSKSVSLPV	600
QY	601	PDLCAVYAVQVRCRKLGLGYWSNWSNPAYTVVMDIKYPMRGPEFWRIINGDTMKKENV	660
Db	601	PDLCAVYAVQVRCRKLGLGYWSNWSNPAYTVVMDIKYPMRGPEFWRIINGDTMKKENV	660
QY	661	TLLWKPLMKNDLSCVQRYVINHHHTSCNGTWSVDGNGHTKFTFLWTEQAHTVTVLAINSI	720
Db	661	TLLWKPLMKNDLSCVQRYVINHHHTSCNGTWSVDGNGHTKFTFLWTEQAHTVTVLAINSI	720
QY	721	GASVANFNLTSPMSKYNIVQSLASAYPLNSSCVIVSWILSPDYKLMFYFIEWKNLNED	780
Db	721	GASVANFNLTSPMSKYNIVQSLASAYPLNSSCVIVSWILSPDYKLMFYFIEWKNLNED	780
QY	781	GEIKWLRISSSVKYYIHGKF 801	
Db	781	GEIKWLRISSSVKYYIHDFH 801	

RESULT 8

US-09-094-410-4
 ; Sequence 4, Application US/09094410
 ; Patent No. 6403552
 ; GENERAL INFORMATION:
 ; APPLICANT: Tartaglia, Louis A.
 ; APPLICANT: Tepper, Robert I.
 ; APPLICANT: Culpepper, Janice A.
 ; APPLICANT: White, David W.
 ; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR

TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
INCLUDING OBESITY AND CACHEXIA

NUMBER OF SEQUENCES: 50

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson, P.C.

STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: US

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/094,410

FILING DATE: 09-JUN-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/864,564

FILING DATE: 28-MAY-1997

APPLICATION NUMBER: 08/708,123

FILING DATE: 03-SEP-1996

APPLICATION NUMBER: 08/638,524

FILING DATE: 26-APR-1996

APPLICATION NUMBER: 08/599,455

FILING DATE: 22-JAN-1996

APPLICATION NUMBER: 08/583,153

FILING DATE: 28-DEC-1995

APPLICATION NUMBER: 08/570,142

FILING DATE: 11-DEC-1995

APPLICATION NUMBER: 08/569,485

FILING DATE: 08-DEC-1995

APPLICATION NUMBER: 08/566,622

FILING DATE: 04-DEC-1995

APPLICATION NUMBER: 08/562,663

FILING DATE: 27-NOV-1995

ATTORNEY/AGENT INFORMATION:

NAME: Melkijohn, Ph.D., Anita L.

REGISTRATION NUMBER: 35,283

REFERENCE/DOCKET NUMBER: 07334/019003

TELEPHONE: 617-542-5070

TELEFAX: 617-542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 1165 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: protein

FRAGMENT TYPE: internal

US-09-094-410-4

Query Match 99.4%; Score 4337; DB 4; Length 1165;

Best Local Similarity 99.8%; Pred. No. 0;

Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1 MICOKFCVLLHWEIYITAFNLSPITPPWRFKLSCLMPPNSTYDYFLLPAGLSKNTS 60

1 MICOKFCVLLHWEIYITAFNLSPITPPWRFKLSCLMPPNSTYDYFLLPAGLSKNTS 60

61 NGHETAVPEKNSGTHFSNLKTTTHCCFRSEODRNCSCADNIEGKTFVSTVNSLVF 120

61 NGHETAVPEKNSGTHFSNLKTTTHCCFRSEODRNCSCADNIEGKTFVSTVNSLVF 120

121 QOIDANNNIQCWLKGLKILFYCVESLFLKFLNFRNYKVHLLYVLPEVLEDSPLVPQKGS 180

121 QOIDANNNIQCWLKGLKILFYCVESLFLKFLNFRNYKVHLLYVLPEVLEDSPLVPQKGS 180

181 FQWVHCNCSVHCCCLVPVPTAKLNDTLMLCKITSGVIFQSPILMSVQPINMYKPPDP 240

181 FQWVHCNCSVHCCCLVPVPTAKLNDTLMLCKITSGVIFQSPILMSVQPINMYKPPDP 240

241 LGLHMEITDDGNLKLKISWSSPPLPFPLOQYQVYKSENSTTVIREADKIVSATSLVDSILP 300

241 LGLHMEITDDGNLKLKISWSSPPLPFPLOQYQVYKSENSTTVIREADKIVSATSLVDSILP 300

301 GSSYEVOVRCKRLDGPINSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIIYKKNKI 360

301 GSSYEVOVRCKRLDGPINSDWSTPRVFTTQDVIYFPPKILTSVGSNVSFHCIIYKKNKI 360

361 VPSKEIWMNLAEKIPQSOYDVVSDHVSFVTFNLFNLTNETPRGFTFYDVCNHECHH 420

361 VPSKEIWMNLAEKIPQSOYDVVSDHVSFVTFNLFNLTNETPRGFTFYDVCNHECHH 420

421 RYAELYVIDVNIINISCTDGYLTMTCTRWSTSTIQSLAESTLQRLYHRSLYCSIDPSIH 480

421 RYAELYVIDVNIINISCTDGYLTMTCTRWSTSTIQSLAESTLQRLYHRSLYCSIDPSIH 480

481 PISEPKDCYLOSDGFEYECIFQPIFLLSGYTWMIRINHSLSLSLSPPTCVLPDSVVKPLPP 540

481 PISEPKDCYLOSDGFEYECIFQPIFLLSGYTWMIRINHSLSLSLSPPTCVLPDSVVKPLPP 540

541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWKMVEYIDAKSKSVSLPV 600

541 SSVKAEITINIGLLKISWEKVPENNLOFQIRYGLSGKEVQWKMVEYIDAKSKSVSLPV 600

601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFMRINGDTMKKEKNV 660

601 PDLCAVYAVQVRCKRLDGLGYWSNWSNPAYTVVMDIKVPMRGPEFMRINGDTMKKEKNV 660

661 TLLWKPMLKNDLSLCSVQRYVINHTSCNGTWSDEVDGNHTKFTFLWTEQAHTVTVLAINSI 720

661 TLLWKPMLKNDLSLCSVQRYVINHTSCNGTWSDEVDGNHTKFTFLWTEQAHTVTVLAINSI 720

721 GASVANFNLTFSWPMKSNVIVQSLSAVPLNSSCVIVSWILSPSDYKLMYFIIKWKLNED 780

721 GASVANFNLTFSWPMKSNVIVQSLSAVPLNSSCVIVSWILSPSDYKLMYFIIKWKLNED 780

781 GEIKWLRISSSVKKYIYHGKF 801

781 GEIKWLRISSSVKKYIYHDHF 801

RESULT 9

US-08-708-123D-4

; Sequence 4, Application US/08708123D

; Patent No. 6482927

; GENERAL INFORMATION:

; APPLICANT: Tartaglia, Louis A.

; APPLICANT: Tepper, Robert I.

; APPLICANT: Culpepper, Janice A.

; APPLICANT: White, David W.

; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR

; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,

; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA.

; NUMBER OF SEQUENCES: 50

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson, P.C.

; STREET: 225 Franklin Street

; CITY: Boston

; STATE: MA

; COUNTRY: US

; ZIP: 02110-2804

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; OPERATING SYSTEM: Windows95

; SOFTWARE: FASTSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/708,123D

; FILING DATE: 03-SEP-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/638,524

; FILING DATE: 26-APR-1996

APPLICATION NUMBER: 08/599,455
FILING DATE: 22-JAN-1996
APPLICATION NUMBER: 08/583,153
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/570,142
FILING DATE: 11-DEC-1995
APPLICATION NUMBER: 08/569,485
FILING DATE: 08-DEC-1995
APPLICATION NUMBER: 08/566,622
FILING DATE: 04-DEC-1995
APPLICATION NUMBER: 08/562,663
FILING DATE: 27-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 07334/019001
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1165 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-08-708-123D-4

Query Match 99.4%; Score 4337; DB 4; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MICQKFCVLLHWEIYVITAFNLSYPTWRFKLSMPPNSTYDYFLLPAGLSKNTS 60
DB 1 MICQKFCVLLHWEIYVITAFNLSYPTWRFKLSMPPNSTYDYFLLPAGLSKNTS 60
QY 61 NGHETAVEPKNSSGTHFNSLKTTHCCFRSEODRNCISLADNIEKTFVSTVNSLVF 120
DB 61 NGHETAVEPKNSSGTHFNSLKTTHCCFRSEODRNCISLADNIEKTFVSTVNSLVF 120
QY 121 QOIDANNIOWLKGDLKLFICYVESLFKNLFNRYNKHVLLYLPEVLEDSPLVPQKGS 180
DB 121 QOIDANNIOWLKGDLKLFICYVESLFKNLFNRYNKHVLLYLPEVLEDSPLVPQKGS 180
QY 181 FOMVHCNCSVHECCCLVPVPTAKLNDTLMLCLKITSGGVIFQSPPLMSVQPINVKPDPP 240
DB 181 FOMVHCNCSVHECCCLVPVPTAKLNDTLMLCLKITSGGVIFQSPPLMSVQPINVKPDPP 240
QY 241 LGLHMEITDDGNLKSISWSSPPLVPFPPIQYQVYKSENSTVIREADKIVSATSLLDVSLP 300
DB 241 LGLHMEITDDGNLKSISWSSPPLVPFPPIQYQVYKSENSTVIREADKIVSATSLLDVSLP 300
QY 301 GSSVEQVQVRKRLDGLGWSWSTPRVFTTQDVIYFPFKILTSVGSNVSFHCYKKNKI 360
DB 301 GSSVEQVQVRKRLDGLGWSWSTPRVFTTQDVIYFPFKILTSVGSNVSFHCYKKNKI 360
QY 361 VPSKEIVWMMNLAEKIPQSDVDVSDHVKYTFPNLNETKRGFTTDAVYCCNEHECHH 420
DB 361 VPSKEIVWMMNLAEKIPQSDVDVSDHVKYTFPNLNETKRGFTTDAVYCCNEHECHH 420
QY 421 RYAEIYVDVNNISCTEDGYLTWTKCWSTSTQSLAESTLQLRYHRSSLYCSDIPSIIH 480
DB 421 RYAEIYVDVNNISCTEDGYLTWTKCWSTSTQSLAESTLQLRYHRSSLYCSDIPSIIH 480
QY 481 PISEPKCYLQSDGYECIFQPIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
DB 481 PISEPKCYLQSDGYECIFQPIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP 540
QY 541 SSVRAEITINIGLKLISKEKVPFPENNLOFQIRGLSGKEVQWKNYEVYDAKSVSPLV 600
DB 541 SSVRAEITINIGLKLISKEKVPFPENNLOFQIRGLSGKEVQWKNYEVYDAKSVSPLV 600

QY 601 PDLCAVAVQVRKRLDGLGYSWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKKNV 660
DB 601 PDLCAVAVQVRKRLDGLGYSWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKKNV 660
QY 661 TLLKPLMKNDLSLQSVQRYVINHHHTSCNGTWSVDGNGHKTFTFLWTEQAHVTYVLAINSI 720
DB 661 TLLKPLMKNDLSLQSVQRYVINHHHTSCNGTWSVDGNGHKTFTFLWTEQAHVTYVLAINSI 720
QY 721 GASVANFNLFSPWPMKVNIVQSLNAYSAYPLNSSCVIVSWILSPDYKLMFYFIEWKNLNED 780
DB 721 GASVANFNLFSPWPMKVNIVQSLNAYSAYPLNSSCVIVSWILSPDYKLMFYFIEWKNLNED 780
QY 781 GEIKWLRISSSVKKYIYHGXK 801
DB 781 GEIKWLRISSSVKKYIYHDXF 801
RESULT 10
US-08-583-153A-4
Sequence 4, Application US/08583153A
Patent No. 6506877
GENERAL INFORMATION:
APPLICANT: Tartaglia, Louis A.
APPLICANT: Culpepper, Janice A.
TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR THE
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLD
TITLE OF INVENTION: OBESITY AND CACHEXIA
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,153A
FILING DATE: 28-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/570,142
FILING DATE: 11-DEC-1995
APPLICATION NUMBER: 08/569,485
FILING DATE: 08-DEC-1995
APPLICATION NUMBER: 08/566,622
FILING DATE: 04-DEC-1995
APPLICATION NUMBER: 08/562,663
FILING DATE: 27-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 07334/016001
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1165 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-08-583-153A-4

Query Match 99.4%; Score 4337; DB 4; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MICOKFCVLLHWEFYIVITAFNLSPITPWRKLSKMPNPNSTYDYFLLPAGLSKNTNS 60
Db 1 MICOKFCVLLHWEFYIVITAFNLSPITPWRKLSKMPNPNSTYDYFLLPAGLSKNTNS 60
QY 61 NGHYETAPEKNSGTHFNLKSTTHFCFRSEODRNCISLADNIEGKTFVSTVNSLVF 120
Db 61 NGHYETAPEKNSGTHFNLKSTTHFCFRSEODRNCISLADNIEGKTFVSTVNSLVF 120
QY 121 QOIDANNIQCWLKGLKLFICYVESLFRNLFNRYNKKVHLLVYLVPEVLEDSPLVPQKGS 180
Db 121 QOIDANNIQCWLKGLKLFICYVESLFRNLFNRYNKKVHLLVYLVPEVLEDSPLVPQKGS 180
QY 181 FQMVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFOSPLMSVQPINNVKPDPP 240
Db 181 FQMVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFOSPLMSVQPINNVKPDPP 240
QY 241 LGLHMEITDGNLKIWSPPPLVPFPLOQVQKYSNSTTIVREADKIVSATSLLVDSILP 300
Db 241 LGLHMEITDGNLKIWSPPPLVPFPLOQVQKYSNSTTIVREADKIVSATSLLVDSILP 300
QY 301 GSSYEVOVRKRLDGPICWSMDSTPRVFTTQDVIYPPPKILTSGVNSVPHCIYKKNKI 360
Db 301 GSSYEVOVRKRLDGPICWSMDSTPRVFTTQDVIYPPPKILTSGVNSVPHCIYKKNKI 360
QY 361 VPSKEIWMNNLAEKIPOSQYDVVSDHVSQVTFNLTNETKPRGKFTYDVCNEHECHH 420
Db 361 VPSKEIWMNNLAEKIPOSQYDVVSDHVSQVTFNLTNETKPRGKFTYDVCNEHECHH 420
QY 421 RYAEIYVIDVNIINISCTDGYLTMTKCRWSTSTIOSLAESTIOLRYHRSLSYCDIPSIH 480
Db 421 RYAEIYVIDVNIINISCTDGYLTMTKCRWSTSTIOSLAESTIOLRYHRSLSYCDIPSIH 480
QY 481 PISEPKDCYQSDGFYECIFQPIFLLSGYTMMIRINHSLGSLDSPPTCVLPDSVWKPPLP 540
Db 481 PISEPKDCYQSDGFYECIFQPIFLLSGYTMMIRINHSLGSLDSPPTCVLPDSVWKPPLP 540
QY 541 SSVKAEITNIGLLKISWEKPPENNLOFQIRYGLSGKEVQWKMTEYDVAKSYSVLPV 600
Db 541 SSVKAEITNIGLLKISWEKPPENNLOFQIRYGLSGKEVQWKMTEYDVAKSYSVLPV 600
QY 601 PDLCAVAYOVRCRDLGLGYNWNSNPATVVMYDIKVPMRGPEFWRINGDTPMKKEKNV 660
Db 601 PDLCAVAYOVRCRDLGLGYNWNSNPATVVMYDIKVPMRGPEFWRINGDTPMKKEKNV 660
QY 661 TLLWKPMLKNDLSQVORYVINHTSCNGTWSQVSDVGNHTKFTPLWTEQAHTVTVLAINSI 720
Db 661 TLLWKPMLKNDLSQVORYVINHTSCNGTWSQVSDVGNHTKFTPLWTEQAHTVTVLAINSI 720
QY 721 GASVANFNTFSWPKSVNIVQSLAYPLNNSCVIYVSWILSPSDYKLMFYIEBKKNLNE 780
Db 721 GASVANFNTFSWPKSVNIVQSLAYPLNNSCVIYVSWILSPSDYKLMFYIEBKKNLNE 780
QY 781 GEIKWLRISSSVKYKYYIHGKF 801
Db 781 GEIKWLRISSSVKYKYYIHDF 801

RESULT 11

US-08-570-142D-4

; Sequence 4, Application US/08570142D

; Patent No. 6509189

; GENERAL INFORMATION:

; APPLICANT: Tartaglia, Louis A.

; APPLICANT: Tepper, Robert I.

; APPLICANT: Culpepper, Janice A.

; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR THE

; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLUDING

; TITLE OF INVENTION: OBESITY AND CACHEXIA

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson, P.C.

; STREET: 225 Franklin Street

; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/570,142D
; FILING DATE: 11-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/014001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1165 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; US-08-570-142D-4

Query Match 99.4%; Score 4337; DB 4; Length 1165;

Best Local Similarity 99.8%; Pred. No. 0;

Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MICOKFCVLLHWEFYIVITAFNLSPITPWRKLSKMPNPNSTYDYFLLPAGLSKNTNS 60
Db 1 MICOKFCVLLHWEFYIVITAFNLSPITPWRKLSKMPNPNSTYDYFLLPAGLSKNTNS 60
QY 61 NGHYETAPEKNSGTHFNLKSTTHFCFRSEODRNCISLADNIEGKTFVSTVNSLVF 120
Db 61 NGHYETAPEKNSGTHFNLKSTTHFCFRSEODRNCISLADNIEGKTFVSTVNSLVF 120
QY 121 QOIDANNIQCWLKGLKLFICYVESLFRNLFNRYNKKVHLLVYLVPEVLEDSPLVPQKGS 180
Db 121 QOIDANNIQCWLKGLKLFICYVESLFRNLFNRYNKKVHLLVYLVPEVLEDSPLVPQKGS 180
QY 181 FQMVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFOSPLMSVQPINNVKPDPP 240
Db 181 FQMVHCNCSVHECECLVPVPTAKLNDTLMLCLKITSGGVIFOSPLMSVQPINNVKPDPP 240
QY 241 LGLHMEITDGNLKIWSPPPLVPFPLOQVQKYSNSTTIVREADKIVSATSLLVDSILP 300
Db 241 LGLHMEITDGNLKIWSPPPLVPFPLOQVQKYSNSTTIVREADKIVSATSLLVDSILP 300
QY 301 GSSYEVOVRKRLDGPICWSMDSTPRVFTTQDVIYPPPKILTSGVNSVPHCIYKKNKI 360
Db 301 GSSYEVOVRKRLDGPICWSMDSTPRVFTTQDVIYPPPKILTSGVNSVPHCIYKKNKI 360
QY 361 VPSKEIWMNNLAEKIPOSQYDVVSDHVSQVTFNLTNETKPRGKFTYDVCNEHECHH 420
Db 361 VPSKEIWMNNLAEKIPOSQYDVVSDHVSQVTFNLTNETKPRGKFTYDVCNEHECHH 420
QY 421 RYAEIYVIDVNIINISCTDGYLTMTKCRWSTSTIOSLAESTIOLRYHRSLSYCDIPSIH 480
Db 421 RYAEIYVIDVNIINISCTDGYLTMTKCRWSTSTIOSLAESTIOLRYHRSLSYCDIPSIH 480
QY 481 PISEPKDCYQSDGFYECIFQPIFLLSGYTMMIRINHSLGSLDSPPTCVLPDSVWKPPLP 540

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Db 481 PISEPKDCYLQSDGFYECIFQPIFLSLGYTWIRINHSGLSDSPPTCVLPDSVVKPLPP 540
Qy 541 SSVKAEITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEYQWKMEYVDKSKSVSLPV 600
Db 541 SSVKAEITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEYQWKMEYVDKSKSVSLPV 600
Qy 601 PDLCAVAVQVRCRLDGLGYWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
Db 601 PDLCAVAVQVRCRLDGLGYWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
Qy 661 TLLWKPLMKNDLSLCSVQRYVINHHTSCNGTWSVDGNGHKTFTFLWTEQAHVTVVLAINSI 720
Db 661 TLLWKPLMKNDLSLCSVQRYVINHHTSCNGTWSVDGNGHKTFTFLWTEQAHVTVVLAINSI 720
Qy 721 GASVANFNLTFSWPMKVNIVQSLAYSAYPLNSSCVIVSWILSPDYSKLMFYFIEWKNLNED 780
Db 721 GASVANFNLTFSWPMKVNIVQSLAYSAYPLNSSCVIVSWILSPDYSKLMFYFIEWKNLNED 780
Qy 781 GEIKWLRISSSVKYYIHGKF 801
Db 781 GEIKWLRISSSVKYYIHDF 801

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RESULT 12

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US-08-780-562-2
; Sequence 2, Application US/08780562
; Patent No. 6541604
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; APPLICANT: Bennett, Brian
; TITLE OF INVENTION: WSX RECEPTOR
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Winpatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/780.562
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1165 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-780-562-2

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Query Match 99.4%; Score 4337; DB 4; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 1 MICOKFCVLLHHEFIVITAFNLSYDITPWRFKLSCMPNPNSTYDYFLLPAGLSKNTSNS 60
Db 1 MICOKFCVLLHHEFIVITAFNLSYDITPWRFKLSCMPNPNSTYDYFLLPAGLSKNTSNS 60
Qy 61 NGHYETAVERKFNSSGTHFNSLKTTFHCCFRSODRNCISLCADNIGKTFVSVNLSLVF 120
Db 61 NGHYETAVERKFNSSGTHFNSLKTTFHCCFRSODRNCISLCADNIGKTFVSVNLSLVF 120
Qy 121 QOIDADNNIOWCLKGLDLKFLCYVESLFKNLFNRYNYKVHLLVYLVPEVLEDSPLVPQKGS 180
Db 121 QOIDADNNIOWCLKGLDLKFLCYVESLFKNLFNRYNYKVHLLVYLVPEVLEDSPLVPQKGS 180
Qy 181 FQVHVCNCSVHECECLVPPTAKLNDTLMLCLKITSGGVIFQSPPLMSVQPINVVKPDP 240
Db 181 FQVHVCNCSVHECECLVPPTAKLNDTLMLCLKITSGGVIFQSPPLMSVQPINVVKPDP 240
Qy 241 LGLHMEITDDGNLKIWSSSPPLVPFPLOYQVYKYSNSTTVIREADKIVSATSLAVDSILP 300
Db 241 LGLHMEITDDGNLKIWSSSPPLVPFPLOYQVYKYSNSTTVIREADKIVSATSLAVDSILP 300
Qy 301 GSSYEVQVGRKRLDGPGLWSDMSTPRVFTTQDVYIFPPKILTSVGSNVSFHCYKKNKI 360
Db 301 GSSYEVQVGRKRLDGPGLWSDMSTPRVFTTQDVYIFPPKILTSVGSNVSFHCYKKNKI 360
Qy 361 VPSKEIWMNLAEKIPQSQYDVVDVSVKVTFFNLNETPRGKFTTVDAYCCNEHECHH 420
Db 361 VPSKEIWMNLAEKIPQSQYDVVDVSVKVTFFNLNETPRGKFTTVDAYCCNEHECHH 420
Qy 421 RYAEIYVIDVINISCTDGLTKMTCRWSTSTIOSLAESTLQIRYHRSLSYCSIDIPSIIH 480
Db 421 RYAEIYVIDVINISCTDGLTKMTCRWSTSTIOSLAESTLQIRYHRSLSYCSIDIPSIIH 480
Qy 481 PISEPKDCYLQSDGFYECIFQPIFLSLGYTWIRINHSGLSDSPPTCVLPDSVVKPLPP 540
Db 481 PISEPKDCYLQSDGFYECIFQPIFLSLGYTWIRINHSGLSDSPPTCVLPDSVVKPLPP 540
Qy 541 SSVKAEITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEYQWKMEYVDKSKSVSLPV 600
Db 541 SSVKAEITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEYQWKMEYVDKSKSVSLPV 600
Qy 601 PDLCAVAVQVRCRLDGLGYWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
Db 601 PDLCAVAVQVRCRLDGLGYWNSNPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV 660
Qy 661 TLLWKPLMKNDLSLCSVQRYVINHHTSCNGTWSVDGNGHKTFTFLWTEQAHVTVVLAINSI 720
Db 661 TLLWKPLMKNDLSLCSVQRYVINHHTSCNGTWSVDGNGHKTFTFLWTEQAHVTVVLAINSI 720
Qy 721 GASVANFNLTFSWPMKVNIVQSLAYSAYPLNSSCVIVSWILSPDYSKLMFYFIEWKNLNED 780
Db 721 GASVANFNLTFSWPMKVNIVQSLAYSAYPLNSSCVIVSWILSPDYSKLMFYFIEWKNLNED 780
Qy 781 GEIKWLRISSSVKYYIHGKF 801
Db 781 GEIKWLRISSSVKYYIHDF 801

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RESULT 13

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US-08-638-524B-4
; Sequence 4, Application US/08638524B
; Patent No. 6548269
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR THE
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLD
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.

```

STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: US
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/638,524B
FILING DATE: 26-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/599,455
FILING DATE: 22-JAN-1996
APPLICATION NUMBER: 08/583,153
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/570,142
FILING DATE: 11-DEC-1995
APPLICATION NUMBER: 08/569,485
FILING DATE: 08-DEC-1995
APPLICATION NUMBER: 08/566,622
FILING DATE: 04-DEC-1995
APPLICATION NUMBER: 08/562,663
FILING DATE: 27-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 07334/018001
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1165 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
US-08-638-524B-4

Query Match 99.4%; Score 4337; DB 4; Length 1165;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 799; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY	1	MICOKFCVLLHWEFIYVITAFNLSPITPWRFKLSMPNPNSTYDFLLPAGLSKNTNS	60
DB	1	MICOKFCVLLHWEFIYVITAFNLSPITPWRFKLSMPNPNSTYDFLLPAGLSKNTNS	60
QY	61	NGHYEFAVEPKFNSSGTHFSNLKSTFFHCCFRSEQRNCSLCADNIEGKTFVSTVNSLYF	120
DB	61	NGHYEFAVEPKFNSSGTHFSNLKSTFFHCCFRSEQRNCSLCADNIEGKTFVSTVNSLYF	120
QY	121	QQIDANNWTOCLWGLDKLPICTWESLFLNLFNRYNYKVHLLVLPVEVLEDSPLVPQKGS	180
DB	121	QQIDANNWTOCLWGLDKLPICTWESLFLNLFNRYNYKVHLLVLPVEVLEDSPLVPQKGS	180
QY	181	FOVHVCNCSVHECECLVPVPTAKLNDTLMLCKITSGVIFQSPPLMSVQPINVWKPDPP	240
DB	181	FOVHVCNCSVHECECLVPVPTAKLNDTLMLCKITSGVIFQSPPLMSVQPINVWKPDPP	240
QY	241	LGLHMEITDDGNLKIWSSSPPLVPFPFLOQVQYSENSTVIREADKIVSATSLVDSILP	300
DB	241	LGLHMEITDDGNLKIWSSSPPLVPFPFLOQVQYSENSTVIREADKIVSATSLVDSILP	300
QY	301	GSSYEQVQVKRGLDGPINSDNSTPRVFTQDVIYFPKILTSVGSNVSFHCYKKNKI	360
DB	301	GSSYEQVQVKRGLDGPINSDNSTPRVFTQDVIYFPKILTSVGSNVSFHCYKKNKI	360
QY	361	VPSKEIVWMNLAEKIPQSOYDVSDHVSKVTFNLTETPKRCKFTYDVCNHECHH	420

Db	361	VPSKEIVWMNLAEKIPQSOYDVSDHVSKVTFNLTETPKRCKFTYDVCNHECHH	420
QY	421	RYAELVYDVNINISCTDGYLTQMTCRNSTSTIOSLAESTLQLRHYRSLYCSDFSIH	480
Db	421	RYAELVYDVNINISCTDGYLTQMTCRNSTSTIOSLAESTLQLRHYRSLYCSDFSIH	480
QY	481	PISEPKDCYLQSDGFYECIFQPIFLLSGYTMIIRINHSLGSLDSPPTCVLPDSVVKPLPP	540
Db	481	PISEPKDCYLQSDGFYECIFQPIFLLSGYTMIIRINHSLGSLDSPPTCVLPDSVVKPLPP	540
QY	541	SSVKAELTINIGLLKISWEKVPENNLOFQIRYGLSGKEVQKMYEYDAKSKSVSLPV	600
Db	541	SSVKAELTINIGLLKISWEKVPENNLOFQIRYGLSGKEVQKMYEYDAKSKSVSLPV	600
QY	601	PDLCAVYAVQVRCRDLGLGYWNSNPAYTVYMDIKVPMRGPEFWRININGDTMKKKNV	660
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QY	661	TLWKPLMKNDLSCSVQRYVINHTSCNGTMSDEVDGNHTKFTFLWTEQAHTVTVLAINSI	720
Db	661	TLWKPLMKNDLSCSVQRYVINHTSCNGTMSDEVDGNHTKFTFLWTEQAHTVTVLAINSI	720
QY	721	GASVANFNLTFSPMSKVNIVOSLSAYPLNSSCVIVSWILSPSDYKLMYFIEIWKKNLNE	780
Db	721	GASVANFNLTFSPMSKVNIVOSLSAYPLNSSCVIVSWILSPSDYKLMYFIEIWKKNLNE	780
QY	781	GEIKWLRISSSVKKYIHGKF 801	
Db	781	GEIKWLRISSSVKKYIHDFH 801	

RESULT 14

US-08-618-957A-10
Sequence 10, Application US/08618957A
Patent No. 6355237

GENERAL INFORMATION:

APPLICANT: Snodgrass, H. Ralph
APPLICANT: Cioffi, Joseph
APPLICANT: Zupancic, Thomas Joel
APPLICANT: Shafer, Alan Wayne
TITLE OF INVENTION: METHODS FOR USING THE OBSE
TITLE OF INVENTION: GENE AND ITS GENE PRODUCT TO STIMULATE HEMATOPOIETIC
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/618,957A
FILING DATE: 20-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REFERENCE/DOCKET NUMBER: 008907-0033-999
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:

; LENGTH: 896 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 US-08-618-957A-10

Query Match 99.1%; Score 4325; DB 4; Length 896;
 Best Local Similarity 99.4%; Pred. No. 0;
 Matches 796; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY	1	MICRQFCVLLHWEIYVITAFNLSYPTIPWRFKLSCHMPNSTYDYFLLPAGLSKNTSNS	60
DB	1	MICRQFCVLLHWEIYVITAFNLSYPTIPWRFKLSCHMPNSTYDYFLLPAGLSKNTSNS	60
QY	61	NGHYETAPEPFNSGTHFSNLSKTTFHCCFRSEODRNCSCADNIEGRTFVSTVNSLVF	120
DB	61	NGHYETAPEPFNSGTHFSNLSKTTFHCCFRSEODRNCSCADNIEGRTFVSTVNSLVF	120
QY	121	QOIDANNNIQCWLKGLDLFCYVESLFKNLFRNRYNKHLLYLVLPEVLEDSPLVPQKGS	180
DB	121	QOIDANNNIQCWLKGLDLFCYVESLFKNLFRNRYNKHLLYLVLPEVLEDSPLVPQKGS	180
QY	181	FOMVHCNCSVHECCBCLVPVPTAKLNDTLMLCLKITSGGVIFRSPMSVQPINMKVDPDP	240
DB	181	FOMVHCNCSVHECCBCLVPVPTAKLNDTLMLCLKITSGGVIFRSPMSVQPINMKVDPDP	240
QY	241	LGLHMEITDDGNLKIWSNSPPLVPFPLOQYQKYSNSTTVIREADKIYSATSLVDSILP	300
DB	241	LGLHMEITDDGNLKIWSNSPPLVPFPLOQYQKYSNSTTVIREADKIYSATSLVDSILP	300
QY	301	GSSYEYQVGRKRLDGPVPTAKLNDTLMLCLKITSGGVIFRSPMSVQPINMKVDPDP	360
DB	301	GSSYEYQVGRKRLDGPVPTAKLNDTLMLCLKITSGGVIFRSPMSVQPINMKVDPDP	360
QY	361	VPSKEIVVMNLAEKIPOSQYDVSQVSVKVTFFNLNETKPRGKFTYDAVYCCNEHECHH	420
DB	361	VPSKEIVVMNLAEKIPOSQYDVSQVSVKVTFFNLNETKPRGKFTYDAVYCCNEHECHH	420
QY	421	RYAELYVDVNNINISCTDGYLTMTQCRWSTSTIOSLAESTLQRLYHRSSLYCSDIPSIIH	480
DB	421	RYAELYVDVNNINISCTDGYLTMTQCRWSTSTIOSLAESTLQRLYHRSSLYCSDIPSIIH	480
QY	481	PISEPKDCYLQSDGFEYECIFQIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP	540
DB	481	PISEPKDCYLQSDGFEYECIFQIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP	540
QY	541	SSVKAETITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEVQWKMYEYDAKSKSVSLPV	600
DB	541	SSVKAETITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEVQWKMYEYDAKSKSVSLPV	600
QY	601	PDLCAVYAVQVRCRKLGLGYWSNNSPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV	660
DB	601	PDLCAVYAVQVRCRKLGLGYWSNNSPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV	660
QY	661	TLLWKPLMKNDSLCSVQRYVINHHHTSCNGTWSDEVGNHTKFTFLMTEQAHTVTLAINSI	720
DB	661	TLLWKPLMKNDSLCSVQRYVINHHHTSCNGTWSDEVGNHTKFTFLMTEQAHTVTLAINSI	720
QY	721	GASVANFNLTSPWPKSNIVQSLQSAIPLNSCVCIVSWILSPDVKYKLMFYFIEWKNLNED	780
DB	721	GASVANFNLTSPWPKSNIVQSLQSAIPLNSCVCIVSWILSPDVKYKLMFYFIEWKNLNED	780
QY	781	GEIKWLRISSSVKYYIHHGKF 801	
DB	781	GEIKWLRISSSVKYYIHHDF 801	

RESULT 15

US-09-357-914-33

; Sequence 33, Application US/09357914

; Patent No. 6524806

; GENERAL INFORMATION:

; APPLICANT: Snodgrass, H. Ralph
 ; APPLICANT: Cioffi, Joseph
 ; APPLICANT: Zupancic, Thomas J.
 ; APPLICANT: Shafer, Alan Wayne
 ; TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR Hu-B1.219, A
 ; TITLE OF INVENTION: NOVEL HUMAN HEMATOPOIETIN RECEPTOR
 ; FILE REFERENCE: 8907-0083-999
 ; CURRENT APPLICATION NUMBER: US/09/357,914
 ; CURRENT FILING DATE: 1999-07-19
 ; PRIOR APPLICATION NUMBER: US 08/693,696
 ; PRIOR FILING DATE: 1996-08-05
 ; PRIOR APPLICATION NUMBER: US 08/355,888
 ; PRIOR FILING DATE: 1994-12-14
 ; PRIOR APPLICATION NUMBER: US 08/306,231
 ; PRIOR FILING DATE: 1994-09-14
 ; NUMBER OF SEQ ID NOS: 33
 ; SOFTWARE: FASTSEQ for Windows Version 4.0
 ; SEQ ID NO 33
 ; LENGTH: 896
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-357-914-33

Query Match 99.1%; Score 4325; DB 4; Length 896;
 Best Local Similarity 99.4%; Pred. No. 0;
 Matches 796; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY	1	MICRQFCVLLHWEIYVITAFNLSYPTIPWRFKLSCHMPNSTYDYFLLPAGLSKNTSNS	60
DB	1	MICRQFCVLLHWEIYVITAFNLSYPTIPWRFKLSCHMPNSTYDYFLLPAGLSKNTSNS	60
QY	61	NGHYETAPEPFNSGTHFSNLSKTTFHCCFRSEODRNCSCADNIEGRTFVSTVNSLVF	120
DB	61	NGHYETAPEPFNSGTHFSNLSKTTFHCCFRSEODRNCSCADNIEGRTFVSTVNSLVF	120
QY	121	QOIDANNNIQCWLKGLDLFCYVESLFKNLFRNRYNKHLLYLVLPEVLEDSPLVPQKGS	180
DB	121	QOIDANNNIQCWLKGLDLFCYVESLFKNLFRNRYNKHLLYLVLPEVLEDSPLVPQKGS	180
QY	181	FOMVHCNCSVHECCBCLVPVPTAKLNDTLMLCLKITSGGVIFRSPMSVQPINMKVDPDP	240
DB	181	FOMVHCNCSVHECCBCLVPVPTAKLNDTLMLCLKITSGGVIFRSPMSVQPINMKVDPDP	240
QY	241	LGLHMEITDDGNLKIWSNSPPLVPFPLOQYQKYSNSTTVIREADKIYSATSLVDSILP	300
DB	241	LGLHMEITDDGNLKIWSNSPPLVPFPLOQYQKYSNSTTVIREADKIYSATSLVDSILP	300
QY	301	GSSYEYQVGRKRLDGPVPTAKLNDTLMLCLKITSGGVIFRSPMSVQPINMKVDPDP	360
DB	301	GSSYEYQVGRKRLDGPVPTAKLNDTLMLCLKITSGGVIFRSPMSVQPINMKVDPDP	360
QY	361	VPSKEIVVMNLAEKIPOSQYDVSQVSVKVTFFNLNETKPRGKFTYDAVYCCNEHECHH	420
DB	361	VPSKEIVVMNLAEKIPOSQYDVSQVSVKVTFFNLNETKPRGKFTYDAVYCCNEHECHH	420
QY	421	RYAELYVDVNNINISCTDGYLTMTQCRWSTSTIOSLAESTLQRLYHRSSLYCSDIPSIIH	480
DB	421	RYAELYVDVNNINISCTDGYLTMTQCRWSTSTIOSLAESTLQRLYHRSSLYCSDIPSIIH	480
QY	481	PISEPKDCYLQSDGFEYECIFQIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP	540
DB	481	PISEPKDCYLQSDGFEYECIFQIFLLSGYTWIRINHSLSGLSDSPPTCVLPDSVVKPLPP	540
QY	541	SSVKAETITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEVQWKMYEYDAKSKSVSLPV	600
DB	541	SSVKAETITINIGLLKISWEKPVFPENNLOFQIRYGLSGKEVQWKMYEYDAKSKSVSLPV	600
QY	601	PDLCAVYAVQVRCRKLGLGYWSNNSPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV	660
DB	601	PDLCAVYAVQVRCRKLGLGYWSNNSPAYTVVMDIKVPMRGPEFWRIINGDTMKKEKNV	660
QY	661	TLLWKPLMKNDSLCSVQRYVINHHHTSCNGTWSDEVGNHTKFTFLMTEQAHTVTLAINSI	720

Db 661 TLLNKLMLKNDLCSQVRYVINHHTSCNGTWSVDGNHTKFTFLWTEQAHVTVVLAINSI 720
Oy 721 GASVANFNLTSPWPMKVNIVQSL SAYPLNSSCVIVSWILSPSDYKLMYFIEWKNLNED 780
Db 721 GASVANFNLTSPWPMKVNIVQSL SAYPLNSSCVIVSWILSPSDYKLMYFIEWKNLNED 780
Oy 781 GEIKWLRISSSVKKYIYHGRF 801
Db 781 GEIKWLRISSSVKKYIYHDHF 801

Search completed: September 22, 2003, 15:50:45
Job time : 24 secs